

TARGETED SOIL SAMPLING REPORT

**Longfellow Elementary School
139 Ocean Terrace
and
City of Bridgeport Public Park
141 Ocean Terrace
Bridgeport, CT**

September 2011

Ref. No. 103734R03

Prepared for:

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1.0 - INTRODUCTION

This Targeted Soil Investigation report has been prepared by Triton Environmental, Inc. (Triton) on behalf of Fletcher-Thompson, Inc. for the Longfellow School property located at 139 Ocean Terrace and the adjacent public park to the south located at 141 Ocean Terrace in Bridgeport, Connecticut (the “site”). The site location is depicted on Figure 1.

Soil testing was completed by Triton at this site during an investigation in April and May 2011. Impacts to soil were identified associated with a layer of historical fill material that contains ash and other debris. The impacted fill material was identified across the entire site, and in general, at a depth of approximately 1.5 feet below grade to greater than 4 feet below grade. The total depth of the fill has yet to be determined. In certain locations, fill related impacts were also identified in the upper soils (upper two feet). Lastly, petroleum related impacts were also identified that may be indicative of an overlapping release of oil in the northwest portion of the site.

Redevelopment of the site is currently planned that will include a building expansion and reconfiguration of the parking areas. Modifications are also proposed at the adjacent park property, including development of a new baseball field. Based on the identified impacted fill, a plan for remediation of the fill layer will need to be developed. The City has indicated that it wishes to pursue a remedy whereby the impacted soils are "capped" using engineered controls in order to prevent exposure. The capping strategy will need to incorporate, to the degree possible, the proposed modifications to both the school property and the park.

To assist in the remedial planning process, supplemental testing was completed. This testing was focused on obtaining analytical data from shallow soils that are located in areas that are proposed to remain landscaped following the redevelopment. Certain deeper soil samples were also collected in select areas where excavations will be undertaken for the installation of utility lines or drainage features. This data, combined with the previously collected data, will be used in the development of a Remedial Action Plan (RAP) which will then be implemented concurrent with site redevelopment.

1.1 - Site Description

The site includes two adjacent parcels that are owned by the City of Bridgeport. The first parcel comprises the Longfellow Elementary School (Longfellow), which is located on the east side of Ocean Terrace, and at the northeast corner of the intersection of Shell Street and Ocean Terrace. The ground surface at the site is generally flat, and slopes gently to the east towards St. Stephens Road. Ground cover consists of a combination of asphalt-paved parking areas, concrete walkways, and grass-landscaped areas. The entire site is fenced, and access to the site is provided via two driveways along Ocean Terrace.

The second parcel is a public park located at 141 Ocean Terrace, and is bounded by Ocean Terrace to the west, Shell Street to the south, St. Stephens Street to the east, and the Longfellow Elementary School to the north. The park is approximately 2.66 acres, and consists of a baseball field, basketball court, and grass-landscaped areas.

The area surrounding the site is urbanized, and consists of residential properties to the southwest, south, and east, commercial properties to the north, northwest, and west.

1.2 - Site History

Based on a review of historical mapping, the location of the site was open water prior to development. Historical sources show that the majority of the site was within the watercourse of Burr Creek in 1939 and that it was filled to create developable land between 1939 and 1950. The first school building appears to have been built at the site in 1962. The site appears to have been operated as the Longfellow school since that time.

The public park appears to have been present since at least 1963. Additional historical information can be found in Triton's November 2010 Phase I ESA Report.

1.3 - Site Geology and Hydrogeology

According to the Surficial Geology Map of Connecticut, (Stone, et. al., 1992), the subject site's surficial geology is identified as sand overlying fines, with sand of variable thickness, commonly in inclined foreset beds and overlies thinly bedded fines or variable thickness (distal deltaic deposits overlying lake-bottom sediment).

During Phase II ESA drilling activities, an upper layer of topsoil and brown sand was observed from the ground surface to a depth of approximately 1.5 feet below grade. Underlying this upper sand/top soil layer was a layer of fill material that consisted of a mixture of black fine sand and debris. The debris included ash, brick, glass, coal, wood, wire, tar paper, and rubber. The total depth of the fill materials is not known as the investigations completed thus far have focused on the uppermost soils (0 to 4 feet below grade). Native materials were not encountered during the Phase II sampling activities.

Triton reviewed a copy of the Bedrock Geology Map of Connecticut (Rodgers, 1985). The bedrock unit beneath the site has not been mapped; however, based on an interpretation of nearby mapped areas, the bedrock beneath the site is likely Golden Hill Schist, which is a gray to silvery, medium- to coarse-grained schist.

Groundwater at the site has been classified by CT DEP as “GB,” based on the 1997 Water Quality Classifications Map of the Connecticut River and Southcentral Coastal Major Basins. Water classified as “GB” is assumed not suitable for human consumption or other uses without prior treatment. The investigations completed at the site to date have not included a groundwater investigation. As such, the depth to groundwater at the property is not known.

1.4 - Purpose

The purpose of the current testing was to supplement the existing soil data at the site with particular focus on areas that will be unpaved following redevelopment. Testing of deeper soils (to 4 feet below grade) was also performed within planned utility excavations to evaluate potential exposure concern and disposal issues during future excavations.

1.5 - Scope of Work

During the course of this targeted soil testing, the following tasks were performed:

- Advancement of 43 soil borings;
- Collection of 43 shallow soil samples from the ground surface to 1.5 feet below grade; and
- Collection of 12 soil samples from soil borings within planned utility trenches to depths up to 4 feet below grade.

1.6 - Data Quality Objectives

The data quality objectives for this targeted soil testing were to collect data of sufficient quality in order to compare the data set against RSR criteria and to evaluate potential direct exposure risks associated with site soils. In order to achieve data quality objectives, standard operating sampling procedures were followed. Laboratory analytical methods with detection limits below RSR criteria were selected. Laboratory analytical data was evaluated using the Reasonable Confidence Protocols.

2.0 - CONNECTICUT REGULATORY CRITERIA

The CTDEP issued the RSRs (RCSA Section 22a-133k-1-3) in January 1996 and supplemented them with approved criteria for additional substances in April 1999. The RSRs apply to sites that are either subject to the Connecticut Transfer Act, undergoing Voluntary Remediation, or subject to a CTDEP enforcement action. The site is not subject to any of these regulatory programs. Although the RSRs are not believed to strictly apply to the site (by regulation), the data collected at the site have been compared to the RSR criteria, as they represent the most widely accepted set of numerical criteria in Connecticut for evaluating potential risk to human health and the environment from environmental releases.

At the direction of the client, the investigations completed thus far at the site have focused on the potential risk to human health from exposure to impacted soils identified at the site. Therefore, the data collected has been compared against the Direct Exposure Criteria (DEC) contained in the RSRs. The DEC are designed to protect human health from the exposure to impacted soils. There are two separate DEC categories which are based on the land use (residential or industrial/commercial). Due to the use of the site as a public school and adjacent public park, the soil data have been compared to the Residential (RDEC).

Although the RSRs also contain criteria related to pollutant mobility and various groundwater criteria, these criteria have not been used to evaluate site conditions given the focus of this investigation.

3.0 - PREVIOUS INVESTIGATIONS

3.1 - Phase I ESA, Triton Environmental, dated November 2010

The site parcels have been used as a public school since the site building was constructed in 1958, and as a public park since at least 1963. The original site building completed an addition in 1987-88. Several building features, including an incinerator, have remained on-site since the original date of construction. Prior to 1958, the site was within the limits of Burr Creek, which was subsequently filled to create the current land surface.

During a Phase I ESA, a total of six AOCs were identified, including:

AOC 1	Site-Wide Fill Material
AOC 2	Boiler Room
AOC 3	Incinerator
AOC 4	Current and Former 10,000-gallon Heating Oil USTs
AOC 5	Loading Dock Area
AOC 6	Potential Off-Site Sources of Contamination

Based on the information reviewed during this assessment, no evidence was identified indicating site is considered an “Establishment” as defined by the Connecticut Transfer Act.

3.2 - Phase II ESA, Triton Environmental, dated November 2010

The results of the Phase II investigation indicated that, in general, soils below two feet from grade exhibited elevated concentrations of compounds of concern across the entire site. Phase II testing of soils located between 1.5 feet below grade, in general, did not contain concentrations of compounds in excess of the RDEC except for three areas. Soils at the surface across the site were subsequently tested. During the Phase II investigation the following release areas (RAs) were identified:

RA-1: Site Wide Impacted Fill Material Below 1.5 Feet Below Grade

Impacted fill is present from approximately 1.5 feet to greater than 4 feet and exhibits elevated concentrations of volatile organic compounds (VOCs), extractable total petroleum hydrocarbons (ETPH), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), lead, and arsenic. It appears that the source of the impacts are largely due to the ash

that was present within the fill at the time of deposition. At certain locations, the fill-related compounds are also present within the upper 18 inches.

RA-2: Petroleum Hydrocarbon Impact (B-101 and B-102)

ETPH was detected at a concentration of 42,000 mg/kg and gasoline related VOCs were detected at the location of B-102 (2-4'). An elevated concentration of naphthalene and 2-methylnaphthalene was identified and a strong petroleum odor noted during boring advancement at the location of B-101 (2-4'). These borings are located in the extreme northern corner of the site and exhibited a different pattern of impact versus the remaining impacts that appear fill related. Based on the analytical data and observations, it appears that a release of a petroleum related source occurred in this portion of the site, potentially overlapping with the pre-existing impacted fill deposit. Shallow samples TB-201, TB-202, TB-203, and TB-204 collected from 0-1' in this area did not exhibit concentrations of these COCs in excess of RSR criteria, indicating that the risk of direct exposure to the underlying impact is mitigated in these areas.

4.0 - TARGETED SOIL INVESTIGATION SITE ACTIVITIES

The following sections present a summary of the targeted soil investigation tasks completed at the site by Triton in August 2011.

4.1 - Pre-drilling Activities

Pre-drilling activities for the project included marking proposed drilling locations and contacting Call-Before-You-Dig to request mark-outs of publicly owned utilities. Triton also reviewed the drilling locations with Fletcher-Thompson representatives for potential conflict with sub-surface utilities. Triton prepared a site specific Health and Safety Plan and conducted daily health and safety meetings.

4.2 - Soil Borings and Soil Sampling

A total of 43 soil borings were advanced throughout the site, identified as TB-300 through TB-342. Twelve of these soil borings were advanced to 4 feet below grade at the site using a Geoprobe Model 540MT direct push sampler. Geoprobe soil samples were collected via a 2-inch diameter, 4-foot long direct push sampler equipped with an acetate liner. Bedrock was not encountered in any boring location. Figure 2 depicts the approximate soil boring locations.

The remaining 31 borings were advanced to 1.5 feet below grade across both parcels using a combination of the geoprobe and manual sampling methods. Shallow soil samples were collected using either a 2-inch diameter, 2-foot long direct push sampler equipped with an acetate liner. Soil boring logs for soil samples collected with the geoprobe are provided in Appendix A.

Soil sampling was completed at each boring location for purposes of: (1) identifying the geology, (2) visually inspecting and field screening soil samples for evidence of impacts (i.e. staining, odors, fill material), and (3) obtaining representative soil samples for laboratory analyses.

Once the sampling device was opened, samples were immediately placed within a glass jar for laboratory submittal. Soil samples collected during completion of the soil borings were visually inspected and logged according to the Unified Soil Classification System. Following soil logging, the remaining portion of each soil sample was placed into a

polyethylene bag for field screening with a photoionization detector (PID) equipped with a 10.2 eV lamp capable of detecting the potential presence of VOCs. After allowing each sample to equilibrate with the headspace in the bag, the PID was inserted into a small opening in the bag and a reading was taken. The PID was calibrated to a standard of isobutylene.

Soil samples were submitted to a Connecticut certified laboratory and analyzed for ETPH by CTDEP Method, PAHs by EPA Method 8270C, PCBs by EPA Method 8082, total Resource Conservation and Recovery Act 8 (RCRA 8) metals by mass analysis, and select RCRA 8 metals by Toxicity Characteristic Leaching Procedure (TCLP), as appropriate.

5.0 - SOIL ANALYTICAL TESTING RESULTS

The following sections summarize the results of the investigations completed during this investigation, including the sampling rationale.

5.1 - Sampling Plan

Prior to initiating this investigation, the information collected during previous phases of work was compiled to create a preliminary Conceptual Site Model (CSM). This information was used to develop a sampling plan for each RA identified at the site. Triton also reviewed plans depicting the proposed redevelopment of the site. Areas where soil will be not be covered with asphalt or concrete pavement, site buildings, or other permanent “hard scape” features were targeted for sampling, as well as areas where excavations will be required for installation of utilities. During the field work described in Section 5.0, additional information (visual observations, field screening) was also collected to refine the sampling plan. The soil samples which were selected for laboratory analytical testing were collected from those intervals believed to represent the most likely areas to be impacted by a release taking into account the likely release mechanisms, or (in the case of delineation sampling) were selected in order to provide horizontal delineation of previously identified impact.

A total of 55 soil samples were selected for analytical testing as part of this investigation. Soil analytical results are summarized in Table 1. Laboratory analytical reports are included as Appendix B. Sample locations are depicted on Figure 2. Analytical results are discussed below.

5.2 - Surficial Fill Material (0-1.5' below grade)

A total of 43 samples were collected from shallow soil (0 to 1.5 feet below grade) across the site and analyzed for the established COCs. These samples were collected from areas where soils will be exposed at the ground surface following site redevelopment. The approximate extent of soils exceeding RDEC as a result of this sample event are depicted on Figure 2.

Each of the 43 samples were analyzed for ETPH. ETPH was detected at concentrations greater than the RDEC in eight samples (TB-301, TB-304, TB-307, TB-308, TB-309, TB-312, TB-317 and TB-323) at concentrations ranging from 520 mg/kg to 6,000 mg/kg. ETPH was detected in 21 samples at concentrations greater than laboratory reporting limits but below the RDEC. ETPH was not detected above the reporting limits in 14 of the samples.

Each of the 43 samples were analyzed for PAHs. One or more PAH compound was detected at a concentration greater than it's respective RDEC in 19 samples (TB-301, TB-303, TB-305, TB-307, TB-308, TB-309, TB-312, TB-314, TB-317, TB-318, TB-322, TB-323, TB-324, TB-325, TB-326, TB-327, TB-330, TB-336, and TB-338). PAH compounds were detected in 17 samples at concentrations greater than laboratory reporting limits but below the respective RDEC. PAH was not detected above the reporting limits in eight of the samples.

Each of the 43 samples were analyzed for total lead and arsenic. Lead was detected at concentrations greater than the RDEC in ten samples (TB-301, TB-303, TB-305, TB-307, TB-308, TB-309, TB-317, TB-323, TB-324, and TB-333) at concentrations ranging from 510 mg/kg to 2,300 mg/kg. Lead was detected in the remainder of the samples at concentrations greater than laboratory reporting limits but below the RDEC. Arsenic was detected at concentrations greater than the RDEC in nine samples (TB-301, TB-303, TB-305, TB-307, TB-308, TB-309, TB-323, TB-234, and TB-341) at concentrations ranging from 11 mg/kg to 23 mg/kg. Arsenic was detected in the remainder of the samples at concentrations greater than laboratory reporting limits but below the RDEC.

Each of the 43 samples were analyzed for PCBs. PCBs were detected at a concentration of 1.67 mg/kg (greater than the RDEC) in one sample (TB-323). PCBs were detected in four samples (TB-308, TB-311, TB-324, and TB-326) at concentrations greater than laboratory reporting limits but below the RDEC. PCBs were not detected above the reporting limits in the remaining 39 samples.

5.3 - Subsurface Fill Material (2-4' below grade)

A total of 12 samples (TB-300, TB-301, TB-304, TB-313, TB-314, TB-315, TB-318, TB-328, TB-329, TB-330, TB-333, and TB-342) were collected from subsurface fill material at depths of 2 to 4 feet below grade and analyzed for the established COCs. These samples were collected from areas representative of areas where excavations will be needed to install utilities at the site. Sample locations are depicted on Figure 3.

Each of the 12 samples were analyzed for ETPH. ETPH was detected at concentrations greater than the RDEC in ten samples (TB-300, TB-301, TB-304, TB-313, TB-314, TB-315, TB-318, TB-330, TB-333, and TB-342) at concentrations ranging from 590 mg/kg to 8,300 mg/kg. ETPH was detected in one sample (TB-329) at a concentration greater than laboratory reporting limits but below the RDEC. ETPH was not detected above the reporting limits in one sample (TB-328).

Each of the 12 samples were analyzed for PAHs. One or more PAH compound was detected at a concentration greater than it's respective RDEC in seven samples (TB-300, TB-301, TB-304, TB-314, TB-315, TB-333, and TB-342). PAH compounds were detected in four samples (TB-313, TB-318, TB-329, and TB-330) at concentrations greater than laboratory reporting limits but below the RDEC. PAH was not detected above the reporting limits in one of the samples (TB-328).

Each of the 12 samples were analyzed for TCLP lead and arsenic. TCLP lead was detected at concentrations greater than the GB PMC in eight samples (TB-301, TB-304, TB-314, TB-315, TB-318, TB-329, TB-333, and TB-342) at concentrations ranging from 0.86 mg/L to 62 mg/L. The concentrations of TCLP lead reported in TB-301 and TB-304 exceeded 5 mg/L, and as such, these and potentially surrounding soils would require disposal as hazardous waste if they were excavated. TCLP lead was detected in three of the samples (TB-TB-300, TB-313, and TB-330) at concentrations greater than laboratory reporting limits but below the GB PMC. TCLP lead was not detected in one sample (TB-328) at a concentration greater than the laboratory reporting limit. TCLP arsenic was not detected in any of the samples at concentrations greater than the laboratory reporting limit.

Each of the 12 samples were analyzed for PCBs. PCBs were detected at concentrations greater than the RDEC in two samples (TB-333 and TB-342) at concentrations of 1.83 mg/kg and 1.42 mg/kg respectively. PCBs were not detected at concentrations greater than laboratory reporting limits in any of the other ten samples.

6.0 - DATA QUALITY ASSESSMENT AND DATA USABILITY EVALUATION

Triton has conducted a data quality assessment (DQA) and data usability evaluation (DUE) of the soil and groundwater analytical data that was generated during this investigation. A review of the Reasonable Confidence Protocols (RCP) by the laboratory indicated that all RCP criteria were met for soil samples, except as follows:

- TB-337: The matrix spike (MS) recovery recoveries for phenanthrene, fluoranthene, pyrene, benzo[a]anthracene, and benzo[b]fluoranthene were high. A high recovery indicates a possible high sample result bias for these compounds. The relative percent difference (RPD) (percent difference of the recoveries between the MS and the MS duplicate) were also high. The high RPD values indicate a possible lack of accuracy in the reported concentrations of these compounds. The RPD for chrysene was also high. The high RPD values are likely directly related to the high MS recoveries. The concentrations of these compounds reported in TB-337 were below RSR criteria, and therefore, the possible high bias does not appear to have resulted in false reporting of an RSR exceedance. Therefore, the data are useable for their intended purpose

The data quality review has indicated that the soil data are usable for their intended purpose and do not change the conclusions presented herein. The data collected, therefore, meet Data Quality Objectives (DQOs) outlined in Section 1.5.

7.0 - CONCEPTUAL SITE MODEL

Triton has reviewed available information regarding the history of the site, the known activities that have been conducted on-site, and the available environmental data in order to develop this conceptual site model (CSM) regarding the impacted soils identified at the site.

Based on a review of the historical sources, the majority of the site was within the watercourse of Burr Creek in 1939. Records indicate that the site was filled to create developable land between 1939 and 1950. Some limited filling may have occurred after 1950 as well. The first school building appears to have been built at the site in 1962. The site appears to have been operated as the Longfellow school since that time.

Based on the data collected during environmental investigations completed at the site to date, it appears that an impacted fill layer is present across the entire site. Although impact has been identified in both shallow surficial and deeper soils, the fill appears to consist of distinct layers that likely originated from different sources. Shallower soils, from 0-1.5 feet below grade appear to consist of topsoil and sand and (in general) do not exhibit the same type of debris (ash, glass, coal, etc.) observed in deeper soils from 2-4 feet below grade. However, certain areas at the site exceeded the RDEC for ETPH, and PAHs in the shallow (0-1.5 ft) interval. Shallow soil samples did not contain PCBs in excess of the RDEC of 1.0 mg/kg, with the exception of one sample. A summary of the testing conducted in soils from grade to 1.5 feet below grade is provided in the table below.

Summary of Testing Completed in Soil (0-1.5' below grade)

Compound of Concern	No. Samples Analyzed	No. Detections	No. RSR Exceedances	Max Concentration
ETPH	63	45	8	6,000 mg/kg
VOCs	20	20*	0	0.706 mg/kg
PAH	63	46	21	Various
Lead	63	62	14	2,300 mg/kg
Arsenic	63	56	11	23 mg/kg
PCBs	63	7	1	1.67 mg/kg
Notes: * Acetone detected in all 20 VOC samples but is attributed to laboratory contamination.				

Deeper soils (below 2 feet) contain ash and other debris that likely originated from the nearby Bostwick Avenue Trash Incinerator Plant and the former Bridgeport sludge incinerator plant. The top of this fill material appears to be at a depth of approximately 18 inches below grade and includes debris such as ash, coal, brick, and glass. These soils exhibit generally greater concentrations of COCs than shallow soils, and contain PCBs at concentrations that exceed RSR criteria in several samples. A summary of the testing conducted in soils from 1.5 to 4 feet below grade is provided in the table below.

Summary of Testing Completed in Soil (below 1.5' from grade)

Compound of Concern	No. Samples Analyzed	No. Detections	No. RSR Exceedances	Max Concentration
ETPH	26	25	22	42,000 kg/kg
VOCs	14	8	0	various
PAH	26	25	17	various
Lead	14	14	10	12,000 mg/kg
TCLP Lead	12	11	8	62 mg/l
Arsenic	14	14	10	18 mg/l
TCLP Arsenic	12	0	0	NA
PCBs	26	10	9	19.3 mg/kg

Due to the estimated dates of deposition of the impacted fill material (prior to 1950) it does not appear that the PCBs detected would be subject to regulation under the Toxic Substances Control Act (TSCA), which has an effective regulatory date of April 18, 1978 (see notes in limitations section).

An area in the northwestern portion of the site was identified during the initial investigation of the site that appears to exhibit a different pattern of impact versus the remaining impacts that appear fill related. At the location of B-102 (2-4'), ETPH was detected at a concentration of 42,000 mg/kg and gasoline related VOCs were also detected. At the location of B-101 (2-4'), an elevated concentration of naphthalene and 2-methylnaphthalene was identified and a strong odor noted during boring advancement. Based on the analytical data and observations, it appears that a release of a petroleum related source occurred in this portion of the site, potentially overlapping with the pre-existing impacted fill deposit.

8.0 - CONCLUSIONS AND RECOMMENDATIONS

Triton Environmental, Inc. has completed supplemental testing of a fill layer identified at the subject site during previous investigations. The purpose of this additional testing was to more thoroughly evaluate the distribution of certain compounds including ETPH, PCBs, PAHs and certain metals (arsenic and lead). This work was performed in conjunction with the City of Bridgeport's planned renovation/additions to the Longfellow School as well as planned improvements to the adjacent park property.

The subject testing focused solely on the fill layer at the site, at the client's direction, although other areas of concern were identified during previous investigations. The property is not currently subject to any known regulatory requirements to investigate or remediate the property, however, the City has elected to address the identified fill layer in order to provide safe conditions for the users of the site.

Although complete removal of the impacted soils would eliminate the environmental risk/liability associated with the fill layer, the City has elected to implement the use of engineered controls to "cap" the impacted soils in-place. This methodology has been implemented in similar situations in Connecticut to prevent exposure to these types of deposits. The regulatory requirements/guidelines associated with this decision will be further described in the Remedial Action Plan being prepared for the site.

Based on the proposed redevelopment plan for the site, much of the property will be covered with either the existing building, building additions, paved parking lots, and concrete walkways. Furthermore, the proposed development of the new ballfield on the park property will involve installation of artificial turf and associated sub-base layers and maintenance of the existing basketball court. However, certain areas of the site are proposed to remain landscaped and excavation will occur in additional areas to install new utilities.

In order to assist in the design of the ultimate remedial plan, additional soil data was sought in the areas which are proposed to remain landscaped, as well as the locations of certain utility excavations. Triton advanced 43 soil borings in these areas in order to collect this targeted soil data. As indicated in Figure 2, the data collected in the shallow zone (0-1.5') has indicated additional areas where concentrations exceed the RDEC. Additionally, the deeper

samples collected during this effort have confirmed the presence of impact in certain areas where deeper excavations will be made for utility trenches. This data will allow for more refined soil management planning and development of a Remedial Action Plan.

8.1 - Recommendations

Preparation of a Remedial Action Plan and Soil Management Plan (SMP) is recommended to design a remedy that can be used to prohibit exposure to the impacted soils and to describe procedures for proper handling and disposal of soils that are disturbed during future site work involving excavation.

9.0 - LIMITATIONS

This assessment did not include inspections and/or sampling of potential building toxins such as lead based paint, asbestos, PCBs, radon and mold, or an evaluation of wetlands at the site. Scopes of work and estimated costs for such surveys can be provided upon request.

Where visual observations have been included in this report, they represent conditions at the time of the site inspection, and may not be indicative of past or future site conditions.

In completing this Targeted Soil Investigation, Triton has relied upon information provided by subcontractors (i.e. laboratories) and information contained in previously prepared environmental reports. Triton has reviewed this information carefully; however, Triton provides no warranty regarding the accuracy and completeness of the information provided. Analyses of chemical constituents selected by Triton in formulating the Targeted Soil Investigation scope of work have been performed during the course of this assessment, however, it is understood that additional chemical constituents not searched for during this study may be present in soil, groundwater, and/or soil vapor at this site.

The Targeted Soil Investigation has specifically addressed on-site environmental conditions. In particular, at the direction of the City, the investigation has focused on potential direct exposure concerns in shallow soils. This evaluation has not addressed groundwater concentrations, vapor intrusion, or pollutant mobility. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of soil and groundwater samples. The nature and extent of variations between these sample locations may not be evident from the data obtained. Due to difficulties achieving desired sampling depths at some locations, the data required to fully assess those areas may have been limited. Bedrock has not been encountered during previous investigations. Bedrock groundwater quality has not been evaluated at this time. Off-site conditions were not evaluated as a part of this investigation.

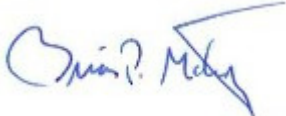
This Targeted Soil Investigation Report was prepared specifically for Fletcher-Thompson, Inc. No person or other body shall be entitled to rely upon or use information presented in this report without written consent of Fletcher-Thompson, Inc. and Triton Environmental, Inc.

10.0 - REFERENCES

1. CT DEEP RSR (Sections 22a-133k-1, 22a-133k-2, 22a-133k-3 and Appendices A through G), dated January 1996.
2. Surficial Materials Map of Connecticut, compiled by Janet Radway Stone et. al., dated 1992.
3. Bedrock Geology Map of Connecticut, compiled by John Rodgers in cooperation with the U.S. Geological Survey, dated 1985.
4. Groundwater Classification Map of Connecticut, compiled by James E. Murphy, Water Compliance Unit, Connecticut Department of Environmental Protection (DEP), dated 1999.
5. "Site Characterization Guidance Document," by the Connecticut Department of Environmental Protection, dated September 2007.
6. Phase I Environmental Site Assessment by Triton Environmental, Inc. dated November 2010.
7. Phase II Environmental Site Assessment by Triton Environmental, Inc. dated June 2011

11.0 - SIGNATURES OF REPORT AUTHORS

This report has been prepared by Triton Environmental, Inc. The names listed below are the principal authors of this report. Requests for information regarding the content of this report should be directed to those individuals.

A handwritten signature in blue ink, appearing to read "Brian McCarthy".

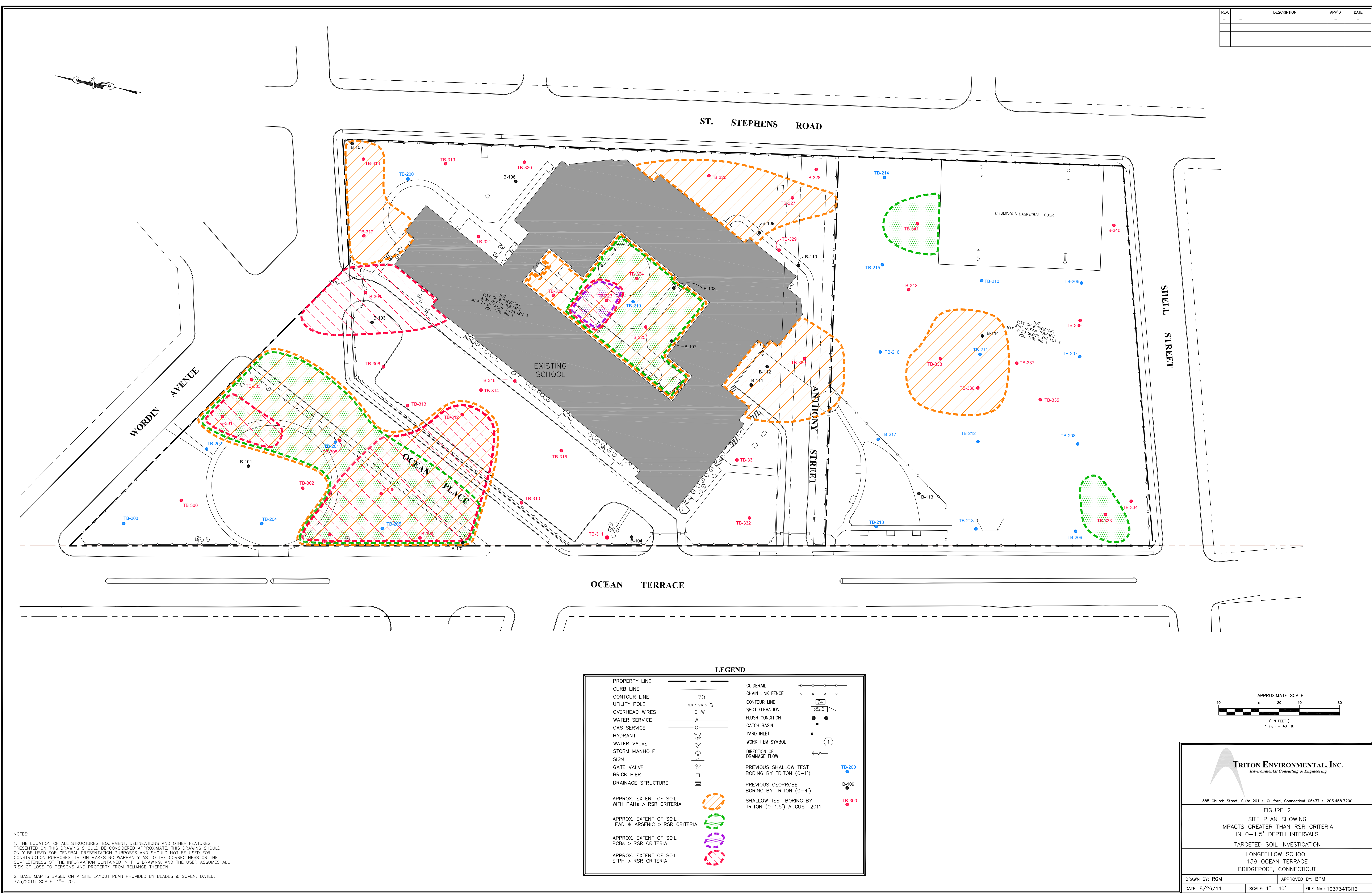
Brian McCarthy, LEP
Senior Project Manager

A handwritten signature in blue ink, appearing to read "J. Carver Glezen".

J. Carver Glezen, LEP
Senior Vice President

FIGURES


REV.	DESCRIPTION	APP'D	DATE
1			
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NOTES:

1. THE LOCATION OF ALL STRUCTURES, EQUIPMENT, DELINEATIONS AND OTHER FEATURES PRESENTED ON THIS DRAWING SHOULD BE CONSIDERED APPROXIMATE. THIS DRAWING SHOULD ONLY BE USED FOR GENERAL PRESENTATION PURPOSES AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. TRITON MAKES NO WARRANTY AS TO THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY FROM RELIANCE THEREON.

2. BASE MAP IS BASED ON A SITE LAYOUT PLAN PROVIDED BY BLADES & GOVEN; DATED: 7/5/2011; SCALE: 1"= 20'.



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FIGURE 2
SITE PLAN SHOWING
IMPACTS GREATER THAN RSR CRITERIA
IN 0-1.5' DEPTH INTERVALS
TARGETED SOIL INVESTIGATION
LONGFELLOW SCHOOL
139 OCEAN TERRACE
BRIDGEPORT, CONNECTICUT

DRAWN BY: RGM	APPROVED BY: BPM
DATE: 8/26/11	SCALE: 1"= 40'
	FILE No.: 103734TG12

TABLES

Table 1
Summary of Analytes Detected in Soil Samples
Longfellow School - Bridgeport, CT

Compound	RSR Criteria		B-101 2-4' 4/20/11	B-102 2-4' 4/20/11	B-103 2-4' 4/20/11	B-104 2-4' 4/20/11	B-105 2-4' 4/20/11	B-106 2-4' 4/20/11	B-107 2-4' 4/20/11	B-108 2-4' 4/20/11	B-109 2-4' 4/20/11	B-110 2-4' 4/20/11	B-111 2-4' 4/20/11	B-112 2-4' 4/20/11	B-113 2-4' 4/20/11
	RES. DEC	GB PMC													
Petroleum Hydrocarbons															
ETPH (mg/Kg)	500	2500	1,300	42,000	1,400	1,700	700	2,100	2,200	240	4,700	2,600	3,100	410	8,800
VOCs (mg/Kg)															
Acetone	500	140	ND<64	ND<0.34	ND<0.26	ND<0.2	ND<0.16	ND<0.22	ND<0.29	ND<0.160	ND<0.23	ND<0.19	ND<0.18	ND<0.16	ND<0.28
Carbon Disulfide	500	140	ND<6.4	0.23	ND<0.018	ND<0.014	ND<0.011	ND<0.015	ND<0.020	ND<0.011	ND<0.016	ND<0.013	ND<0.013	ND<0.011	ND<0.019
Toluene	500	67	ND<1.3	0.018	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	ND<0.010
Ethylbenzene	500	10.1	0.18	ND<0.25	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	ND<0.010
Total Xylenes	500	19.5	ND<1.3	0.059	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	ND<0.010
Isopropylbenzene	500	132	ND<1.3	0.52	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	0.011
n-Propylbenzene	500	14	ND<1.3	0.88	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	ND<0.010
1,3,5 Trimethylbenzene	500	70	2.7	ND<0.25	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	ND<0.010
tert-Butylbenzene	500	14	ND<1.3	0.078	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	ND<0.010
1,2,4-Trimethylbenzene	500	70	ND<1.3	0.022	0.013	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	0.0087	ND<0.007	ND<0.007	ND<0.006	ND<0.010
sec-Butylbenzene	500	14	ND<1.3	0.9	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	0.011
n-Butylbenzene	500	14	ND<1.3	4.4	ND<0.009	ND<0.007	ND<0.006	ND<0.008	ND<0.010	ND<0.006	ND<0.008	ND<0.007	ND<0.007	ND<0.006	ND<0.010
Naphthalene	1,000	56	60	0.036	ND<0.009	ND<0.007	ND<0.006	0.023	ND<0.010	ND<0.006	0.059	ND<0.007	0.01	ND<0.006	0.026
PAHs (mg/Kg)															
Naphthalene	1,000	56	180	2.3	0.43	0.43	ND<0.362	1.8	1.1	0.56	ND<4.0	0.61	0.61	ND<0.341	0.76
2-Methyl Naphthalene	474	9.8	69	2.7	ND<0.375	ND<0.390	ND<0.362	1.4	0.85	ND<0.353	ND<4.0	ND<0.395	0.44	ND<0.341	1.4
Acenaphthylene	1,000	84	ND<6.897	ND<0.938	ND<0.375	1.3	ND<0.362	2.3	1.8	ND<0.353	6.4	0.43	ND<0.375	ND<0.341	0.5
Acenaphthene	1,000	84	ND<6.897	ND<0.938	ND<0.375	ND<0.390	ND<0.362	0.65	0.58	ND<0.353	ND<4.0	0.62	1.2	ND<0.341	2.8
Flourene	1,000	56	ND<6.897	ND<0.938	ND<0.375	0.62	ND<0.362	1.6	0.78	ND<0.353	7.6	1.1	1.6	ND<0.341	3.4
Phenanthrene	1,000	40	ND<6.897	ND<0.938	5.3	8.4	0.61	13	7.5	ND<0.353	100	6.8	7.8	ND<0.341	22
Anthracene	1,000	400	ND<6.897	ND<0.938	0.93	2.3	ND<0.362	3.0	3.1	ND<0.353	24	1.8	2.2	ND<0.341	3.7
Fluoranthene	1,000	56	ND<6.897	ND<0.938	7.4	12	0.98	10	13	0.83	85	7.8	6.3	0.86	12
Pyrene	1,000	40	ND<6.897	ND<0.938	5.5	11	1.0	13	11	0.85	72	7.1	5.5	0.79	12
Benzo(a)Anthracene	1	1	ND<6.897	ND<0.938	3.6	7.2	0.47	6.3	8.1	0.56	32	5.6	4.3	0.37	8.0
Chrysene	84	1	ND<6.897	ND<0.938	4.2	7.1	0.52	5.8	7.4	0.58	29	6.0	4.1	0.42	7.6
Benzo(b)Fluoranthene	1	1	ND<6.897	ND<0.938	6.4	12	0.74	6.2	9.4	0.71	29	7.7	5.4	0.41	7.2
Benzo(k)Fluoranthene	8.4	1	ND<6.897	ND<0.938	2.5	4.8	ND<0.362	2.5	3.3	ND<0.353	11	3.4	2.1	ND<0.341	2.8
Benzo(a)Pyrene	1	1	ND<6.897	ND<0.938	3.7	7.2	0.48	6.8	7.8	0.66	28	5.6	3.4	ND<0.341	4.5
Indeno(1,2,3-cd)Pyrene	1	1	ND<6.897	ND<0.938	1.1	2.0	ND<0.362	3.2	3.5	0.36	16	1.3	0.75	ND<0.341	1.4
Dibenz(a,h)anthracene	1	1	ND<6.897	ND<0.938	0.38	0.62	ND<0.362	1.0	1.2	ND<0.353	ND<4.0	0.41	ND<0.375	ND<0.341	ND<0.462
Benzo(g,h,i)Perylene	1,000	42	ND<6.897	ND<0.938	1.1	2.3	ND<0.362	4.4	3.8	0.42	17	1.4	0.8	ND<0.341	1.7
Total Metals (mg/Kg)															
Lead	400	NE	160	360	740	1,800	770	2,000	1,200	95	2,000	1,300	800	63	12,000
Selenium	340	NE	ND<1.5	ND<2.0	ND<1.5	ND<1.5	ND<1.5	1.8	ND<1.5	ND<1.5	ND<1.5	1.8	ND<1.5	ND<1.5	ND<2.0
Cadmium	34	NE	1.2	7.6	1.6	7.1	2.0	7.5	22	ND<1.0	16	6.2	10	ND<1.0	4.5
Chromium	NE	NE	31	39	74	260	34	67	74	20	76	87	52	49	240
Arsenic	10	NE	13	18	9.2	14	7.7	13	16	7.2	14	10	11	3.0	13
Barium	4,700	NE	210	1,200	800	890	5,100	700	1,000	95	1,400	830	530	340	3,700
Silver	340	NE	ND<2.5	ND<3.5	2.6	ND<3.0	ND<2.5	15	ND<3.0	ND<2.5	ND<3.0	ND<3.0	ND<2.5	ND<2.5	ND<3.5
Mercury	20	NE	ND<0.30	ND<0.40	1.2	1.1	ND<0.30	2.7	3.5	ND<0.30	4.5	1.1	1.1	ND<0.30	2.8
TCLP Metals (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NE	0.15													
Arsenic	NE	0.1													
Polychlorinated Biphenyls (PCBs)															
Total PCBs (mg/Kg)	1	NE	0.62	2.0	ND	ND	ND	ND	1.44	1.1	ND	2.4	2.05	ND	19.3
% Solids	NE	NE	87	64	80	77	83	78	78	85	75	76	80	88	65
Notes: Only parameters detected are shown Bold and shaded concentrations exceed one or more of the RSR criteria ND = Not Detected at the indicated detection limit NE = None Established NA = Not Analyzed RSR = Remediation Standard Regulations DEC = Direct Exposure Criteria PMC = Pollutant Mobility Criteria															

Table 1
Summary of Analytes Detected in Soil Samples
Longfellow School - Bridgeport, CT

Compound	RSR Criteria		B-114 2-4' 4/20/11	TB-200 0-1' 5/17/11	TB-201 0-1' 5/17/11	TB-202 0-1' 5/17/11	TB-203 0-1' 5/17/11	TB-204 0-1' 5/17/11	TB-205 0-1' 5/17/11	TB-206 0-1' 5/17/11	TB-207 0-1' 5/17/11	TB-208 0-1' 5/17/11	TB-209 0-1' 5/17/11	TB-210 0-1' 5/17/11	TB-211 0-1' 5/17/11	TB-212 0-1' 5/17/11
	RES. DEC	GB PMC														
Petroleum Hydrocarbons																
ETPH (mg/Kg)	500	2500	2,500	41.8	ND<20.8	56	39.7	481	382	69.6	96	ND<22.3	ND<22.8	60.2	140	36.2
VOCs (mg/Kg)																
Acetone	500	140	ND<0.23	0.0884	0.095	0.0895	0.0954	1.19	0.107	0.0984	0.122	0.0657	0.127	0.0792	0.272	0.0613
Carbon Disulfide	500	140	ND<0.016	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
Toluene	500	67	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	0.706	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
Ethylbenzene	500	10.1	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
Total Xylenes	500	19.5	ND<0.008	ND<0.013	ND<0.0144	ND<0.0175	ND<0.015	ND<0.0173	ND<0.0132	ND<0.0104	ND<0.0122	ND<0.0095	ND<0.009	ND<0.0097	ND<0.0143	ND<0.011
Isopropylbenzene	500	132	0.012	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
n-Propylbenzene	500	14	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
1,3,5 Trimethylbenzene	500	70	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
tert-Butylbenzene	500	14	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
1,2,4-Trimethylbenzene	500	70	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
sec-Butylbenzene	500	14	0.016	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
n-Butylbenzene	500	14	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
Naphthalene	1,000	56	ND<0.008	ND<0.0043	ND<0.0048	ND<0.0058	ND<0.005	ND<0.0058	ND<0.0044	ND<0.0035	ND<0.0041	ND<0.0032	ND<0.003	ND<0.0032	ND<0.0048	ND<0.0037
PAHs (mg/Kg)																
Naphthalene	1,000	56	0.79	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	ND<0.382	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
2-Methyl Naphthalene	474	9.8	0.55	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	ND<0.382	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Acenaphthylene	1,000	84	0.53	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	ND<0.382	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Acenaphthene	1,000	84	ND<0.442	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	ND<0.382	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Flourene	1,000	56	0.54	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	ND<0.382	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Phenanthrene	1,000	40	3.7	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	2.05	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	0.507	ND<0.400
Anthracene	1,000	400	1	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	ND<0.382	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Fluoranthene	1,000	56	5.5	0.509	ND<0.339	ND<0.448	0.631	0.932	3.4	ND<0.394	0.412	ND<0.345	ND<0.378	0.578	1.48	ND<0.400
Pyrene	1,000	40	6.2	0.438	ND<0.339	ND<0.448	0.569	0.929	4.68	ND<0.394	0.382	ND<0.345	ND<0.378	0.584	1.30	ND<0.400
Benzo(a)Anthracene	1	1	3.8	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	1.73	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	0.782	ND<0.400
Chrysene	84	1	4.1	0.268	ND<0.339	ND<0.448	0.336	0.598	1.6	ND<0.394	0.232	ND<0.345	ND<0.378	0.249	0.894	ND<0.400
Benzo(b)Fluoranthene	1	1	4.8	ND<0.427	ND<0.339	ND<0.448	ND<0.421	0.713	2.89	ND<0.394	0.38	ND<0.345	ND<0.378	0.388	1.5	ND<0.400
Benzo(k)Fluoranthene	8.4	1	2.0	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	0.901	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	0.567	ND<0.400
Benzo(a)Pyrene	1	1	3.9	0.251	ND<0.339	ND<0.448	0.312	0.619	1.73	ND<0.394	0.242	ND<0.345	ND<0.378	ND<0.376	0.899	ND<0.400
Indeno(1,2,3-cd)Pyrene	1	1	0.9	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	0.717	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Dibenz(a,h)anthracene	1	1	ND<0.442	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	0.427	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Benzo(g,h,i)Perylene	1,000	42	1	ND<0.427	ND<0.339	ND<0.448	ND<0.421	ND<0.539	0.78	ND<0.394	ND<0.378	ND<0.345	ND<0.378	ND<0.376	ND<0.447	ND<0.400
Total Metals (mg/Kg)																
Lead	400	NE	1,600	81.4	9.5	7	402	257	1210	11.6	31.1	7.7	14.2	32.6	43.2	23.7
Selenium	340	NE	ND<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	34	NE	9.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NE	NE	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	10	NE	16	3.1	ND<2.3	ND<3.0	6.6	3.6	10.2	ND<2.8	3.1	ND<2.4	ND<2.8	3.4	5.1	11.4
Barium	4,700	NE	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	340	NE	3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	20	NE	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals (mg/L.)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NE	0.15														
Arsenic	NE	0.1														
Polychlorinated Biphenyls (PCBs)																
Total PCBs (mg/Kg)	1	NE	4.9	ND<0.067	ND<0.0537	ND<0.0797	ND<0.0613	ND<0.0818	0.531	NJD<0.578	ND<0.592	ND<0.0566	ND<0.0571	ND<0.0614	ND<0.686	ND<0.0628
% Solids	NE	NE	68	78	95	66	78	63	85	84	88	91	88	84	74	80
Notes: Only parameters detected are shown Bold and shaded concentrations exceed one or more of the RSR criteria ND = Not Detected at the indicated detection limit NE = None Established NA = Not Analyzed RSR = Remediation Standard Regulations DEC = Direct Exposure Criteria PMC = Pollutant Mobility Criteria																

Table 1
Summary of Analytes Detected in Soil Samples
Longfellow School - Bridgeport, CT

Compound	RSR Criteria		TB-213 0-1' 5/17/11	TB-214 0-1' 5/17/11	TB-215 0-1' 5/17/11	TB-216 0-1' 5/17/11	TB-217 0-1' 5/17/11	TB-218 0-1' 5/17/11	TB-219 0-1' 5/17/11	TB-300 0-1.5' 8/2/11	TB-300 2-4' 8/2/11	TB-301 0-1.5' 8/2/11	TB-301 2-4' 8/2/11	TB-302 0-1.5' 8/2/11	TB-303 0-1.5' 8/3/11	TB-304 0-1.5' 8/2/11
	RES. DEC	GB PMC														
Petroleum Hydrocarbons																
ETPH (mg/Kg)	500	2500	ND<23.3	93.1	101	41.9	49	351	265	130	2,900	3,900	2,100	ND<70	80	6,000
VOCs (mg/Kg)																
Acetone	500	140	0.0594	0.0962	0.155	0.0917	0.159	0.712	0.0716		NA	NA	NA	NA	NA	NA
Carbon Disulfide	500	140	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
Toluene	500	67	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
Ethylbenzene	500	10.1	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
Total Xylenes	500	19.5	ND<0.0098	ND<0.0108	ND<0.0115	ND<0.0127	ND<0.0102	ND<0.0589	ND<0.0107							
Isopropylbenzene	500	132	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
n-Propylbenzene	500	14	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
1,3,5 Trimethylbenzene	500	70	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
tert-Butylbenzene	500	14	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
1,2,4-Trimethylbenzene	500	70	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
sec-Butylbenzene	500	14	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
n-Butylbenzene	500	14	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
Naphthalene	1,000	56	ND<0.0033	ND<0.0036	ND<0.0038	ND<0.0042	ND<0.0034	ND<0.0196	ND<0.0036							
PAHs (mg/Kg)																
Naphthalene	1,000	56	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	ND<0.428	ND<0.338	3.8	1.3	7	ND<0.417	ND<0.313	ND<0.358
2-Methyl Naphthalene	474	9.8	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	ND<0.428	ND<0.338	4.6	0.92	7.8	ND<0.417	ND<0.313	ND<0.358
Acenaphthylene	1,000	84	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	ND<0.428	ND<0.338	0.81	5.1	4.5	ND<0.417	ND<0.313	ND<0.358
Acenaphthene	1,000	84	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	0.746	ND<0.338	0.9	1.6	5.1	ND<0.417	ND<0.313	ND<0.358
Flourene	1,000	56	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	0.485	ND<0.338	1.3	4.7	10	ND<0.417	ND<0.313	ND<0.358
Phenanthrene	1,000	40	ND<0.357	0.406	ND<0.402	ND<0.420	ND<0.412	ND<1.74	3.35	0.47	2.7	57	42	0.82	0.87	0.59
Anthracene	1,000	400	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	0.887	ND<0.338	0.9	12	9.8	ND<0.417	ND<0.313	ND<0.358
Fluoranthene	1,000	56	ND<0.357	1.02	ND<0.402	0.653	0.658	ND<1.74	4.86	0.84	3.3	57	26	1.4	2.2	0.83
Pyrene	1,000	40	ND<0.357	1.09	0.427	0.522	0.637	ND<1.74	4.44	0.81	3.7	43	22	1.2	1.8	0.84
Benzo(a)Anthracene	1	1	ND<0.357	0.394	ND<0.402	ND<0.420	ND<0.412	ND<1.74	2.62	0.46	2.1	21	9.4	0.85	1.2	0.51
Chrysene	84	1	ND<0.357	0.465	ND<0.402	0.343	0.309	ND<1.74	2.39	0.58	2.4	17	8.1	1	1.1	0.72
Benzo(b)Fluoranthene	1	1	ND<0.357	0.719	ND<0.402	0.480	0.434	ND<1.74	2.97	0.48	2.2	15	6.2	1	1.2	0.62
Benzo(k)Fluoranthene	8.4	1	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	1.27	ND<0.338	0.87	7	4.3	0.47	0.55	0.37
Benzo(a)Pyrene	1	1	ND<0.357	0.469	ND<0.402	0.321	0.33	ND<1.74	2.14	0.42	1.6	15	8.7	0.83	1.1	0.57
Indeno(1,2,3-cd)Pyrene	1	1	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	0.843	ND<0.338	0.47	4.5	2.5	0.45	0.68	ND<0.358
Dibenz(a,h)anthracene	1	1	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	0.513	ND<0.338	ND<0.336	1.6	0.98	ND<0.417	ND<0.313	ND<0.358
Benzo(g,h,i)Perylene	1,000	42	ND<0.357	ND<0.380	ND<0.402	ND<0.420	ND<0.412	ND<1.74	0.996	0.37	0.44	4.2	2.5	0.48	0.69	ND<0.358
Total Metals (mg/Kg)																
Lead	400	NE	9.6	40.1	34.4	23.8	24.1	ND<8.2	455	240	NA	500	NA	300	2,300	290
Selenium	340	NE	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA	NA	NA
Cadmium	34	NE	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA	NA	NA
Chromium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA	NA	NA
Arsenic	10	NE	4.5	2.9	ND<2.5	3.1	4.2	ND<16.4	20.4	5.1		14		6.2	15	3.9
Barium	4,700	NE	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA	NA	NA
Silver	340	NE	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA	NA	NA
Mercury	20	NE	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA	NA	NA
TCLP Metals (mg/L.)			NA	NA	NA	NA	NA	NA	NA	NA		NA		NA	NA	NA
Lead	NE	0.15									0.046		22			
Arsenic	NE	0.1									ND<0.05		ND<0.05			
Polychlorinated Biphenyls (PCBs)																
Total PCBs (mg/Kg)	1	NE	ND<0.0557	ND<0.0592	0.194	ND<0636	ND<0.589	ND<0.560	0.575	ND<0.23	ND<0.25	ND<0.22	ND<0.25	ND<0.40	ND<0.30	ND<0.24
% Solids	NE	NE	88	87	85	81	82	91	80	89	82	92	81	72	96	84
Notes: Only parameters detected are shown Bold and shaded concentrations exceed one or more of the RSR criteria ND = Not Detected at the indicated detection limit NE = None Established NA = Not Analyzed RSR = Remediation Standard Regulations DEC = Direct Exposure Criteria PMC = Pollutant Mobility Criteria																

Table 1
Summary of Analytes Detected in Soil Samples
Longfellow School - Bridgeport, CT

Compound	RSR Criteria		TB-304 2-4' 8/2/11	TB-305 0-1.5' 8/3/11	TB-306 0-1.5' 8/2/11	TB-307 0-1.5' 8/2/11	TB-308 0-1.5' 8/2/11	TB-309 0-1.5' 8/2/11	TB-310 0-1.5' 8/3/11	TB-311 0-1.5' 8/2/11	TB-312 0-1.5' 8/2/11	TB-313 0-1.5' 8/2/11	TB-313 2-4' 8/2/11	TB-314 0-1.5' 8/2/11	TB-314 2-4' 8/2/11
	RES. DEC	GB PMC													
Petroleum Hydrocarbons															
ETPH (mg/Kg)	500	2500	590	210	ND<52	2,800	620	1,500	130	160	1,400	ND<54	7,000	160	4,700
VOCs (mg/Kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	500	140													
Carbon Disulfide	500	140													
Toluene	500	67													
Ethylbenzene	500	10.1													
Total Xylenes	500	19.5													
Isopropylbenzene	500	132													
n-Propylbenzene	500	14													
1,3,5 Trimethylbenzene	500	70													
tert-Butylbenzene	500	14													
1,2,4-Trimethylbenzene	500	70													
sec-Butylbenzene	500	14													
n-Butylbenzene	500	14													
Naphthalene	1,000	56													
PAHs (mg/Kg)															
Naphthalene	1,000	56	2.2	ND<0.320	ND<0.310	ND<0.334	ND<0.320	3.1	ND<0.323	ND<0.323	5.7	ND<0.320	3.8	ND<0.320	3.9
2-Methyl Naphthalene	474	9.8	0.58	0.34	ND<0.310	ND<0.334	ND<0.320	1.7	ND<0.323	ND<0.323	4.1	ND<0.320	0.8	ND<0.320	7
Acenaphthylene	1,000	84	ND<0.395	ND<0.320	ND<0.310	ND<0.334	0.79	0.99	ND<0.323	ND<0.323	1.4	ND<0.320	ND<0.556	ND<0.320	1.5
Acenaphthene	1,000	84	ND<0.395	ND<0.320	ND<0.310	ND<0.334	ND<0.320	ND<0.338	ND<0.323	ND<0.323	2.4	ND<0.320	ND<0.556	ND<0.320	3.7
Flourene	1,000	56	ND<0.395	ND<0.320	ND<0.310	ND<0.334	ND<0.320	ND<0.338	ND<0.323	ND<0.323	3	ND<0.320	ND<0.556	ND<0.320	4.3
Phenanthrene	1,000	40	2.5	1.2	ND<0.310	3.5	2.3	2.9	0.52	ND<0.323	10	ND<0.320	0.58	ND<0.320	13
Anthracene	1,000	400	0.46	ND<0.320	ND<0.310	0.62	0.45	0.74	ND<0.323	ND<0.323	2.3	ND<0.320	ND<0.556	ND<0.320	3.6
Fluoranthene	1,000	56	4	2.1	ND<0.310	4.6	3.7	6.1	1.3	0.35	6.8	ND<0.320	ND<0.556	ND<0.320	9.4
Pyrene	1,000	40	3.6	1.9	ND<0.310	4.1	4.3	6	1.2	0.33	8.6	ND<0.320	ND<0.556	ND<0.320	11
Benzo(a)Anthracene	1	1	1.6	1	ND<0.310	2.3	2	3.8	0.67	ND<0.323	4.3	ND<0.320	ND<0.556	ND<0.320	6.7
Chrysene	84	1	1.9	1.2	ND<0.310	2.3	2.6	4.5	0.82	ND<0.323	4.9	ND<0.320	ND<0.556	ND<0.320	6.7
Benzo(b)Fluoranthene	1	1	2.1	1.3	ND<0.310	2.7	3	6.4	0.98	ND<0.323	6.2	ND<0.320	ND<0.556	0.33	8.8
Benzo(k)Fluoranthene	8.4	1	0.99	0.57	ND<0.310	1.1	1.1	2.2	0.4	ND<0.323	2.4	ND<0.320	ND<0.556	ND<0.320	3
Benzo(a)Pyrene	1	1	1.5	1.1	ND<0.310	2.1	1.9	3.8	0.79	ND<0.323	4.7	ND<0.320	ND<0.556	ND<0.320	6.8
Indeno(1,2,3-cd)Pyrene	1	1	0.54	0.64	ND<0.310	0.79	0.66	1.2	0.42	ND<0.323	0.95	ND<0.320	ND<0.556	ND<0.320	1.6
Dibenz(a,h)anthracene	1	1	ND<0.395	ND<0.320	ND<0.310	ND<0.334	ND<0.320	0.42	ND<0.323	ND<0.323	0.4	ND<0.320	ND<0.556	ND<0.320	0.71
Benzo(g,h,i)Perylene	1,000	42	0.51	0.65	ND<0.310	0.76	0.74	1.1	0.42	ND<0.323	0.89	ND<0.320	ND<0.556	ND<0.320	1.8
Total Metals (mg/Kg)			NA										NA		NA
Lead	400	NE		700	16	900	910	1,100	500	260	210	6.6		67	
Selenium	340	NE		NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
Cadmium	34	NE		NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
Chromium	NE	NE		NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
Arsenic	10	NE		11	2.2	12	17	11	7.7	5.7	5	3.5		2.7	
Barium	4,700	NE		NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
Silver	340	NE		NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
Mercury	20	NE		NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
TCLP Metals (mg/L)				NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
Lead	NE	0.15	62										0.054		4.7
Arsenic	NE	0.1	ND<0.05										ND<0.05		ND<0.05
Polychlorinated Biphenyls (PCBs)															
Total PCBs (mg/Kg)	1	NE	ND<0.27	ND<0.30	ND<0.30	ND<0.23	0.24	ND<0.23	ND<0.30	0.36	ND<0.24	ND<0.30	ND<0.38	ND<0.30	ND<0.23
% Solids	NE	NE	76	94	97	90	94	89	93	93	84	94	54	94	90
Notes: Only parameters detected are shown Bold and shaded concentrations exceed one or more of the RSR criteria ND = Not Detected at the indicated detection limit NE = None Established NA = Not Analyzed RSR = Remediation Standard Regulations DEC = Direct Exposure Criteria PMC = Pollutant Mobility Criteria															

Table 1
Summary of Analytes Detected in Soil Samples
Longfellow School - Bridgeport, CT

Compound	RSR Criteria		TB-315 0-1.5' 8/2/11	TB-315 2-4' 8/2/11	TB-316 0-1.5' 8/2/11	TB-317 0-1.5' 8/2/11	TB-318 0-1.5' 8/2/11	TB-318 2-4' 8/2/11	TB-319 0-1.5' 8/2/11	TB-320 0-1.5' 8/2/11	TB-321 0-1.5' 8/2/11	TB-322 0-1.5' 8/2/11	TB-323 0-1.5' 8/2/11	TB-324 0-1.5' 8/2/11	TB-325 0-1.5' 8/2/11
	RES. DEC	GB PMC													
Petroleum Hydrocarbons															
ETPH (mg/Kg)	500	2500	150	1,800	ND<65	520	250	6,500	ND<55	ND<54	91	99	950	400	280
VOCs (mg/Kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	500	140													
Carbon Disulfide	500	140													
Toluene	500	67													
Ethylbenzene	500	10.1													
Total Xylenes	500	19.5													
Isopropylbenzene	500	132													
n-Propylbenzene	500	14													
1,3,5 Trimethylbenzene	500	70													
tert-Butylbenzene	500	14													
1,2,4-Trimethylbenzene	500	70													
sec-Butylbenzene	500	14													
n-Butylbenzene	500	14													
Naphthalene	1,000	56													
PAHs (mg/Kg)															
Naphthalene	1,000	56	ND<0.320	2.2	ND<0.390	0.36	ND<0.327	ND<0.390	ND<0.327	ND<0.320	ND<0.327	ND<0.316	0.37	ND<0.349	ND<0.327
2-Methyl Naphthalene	474	9.8	ND<0.320	0.6	ND<0.390	ND<0.323	ND<0.327	ND<0.390	ND<0.327	ND<0.320	ND<0.327	ND<0.316	ND<0.341	ND<0.349	ND<0.327
Acenaphthylene	1,000	84	ND<0.320	3.9	ND<0.390	0.91	0.69	ND<0.390	ND<0.327	ND<0.320	ND<0.327	ND<0.316	0.59	ND<0.349	0.37
Acenaphthene	1,000	84	ND<0.320	1.2	ND<0.390	ND<0.323	ND<0.327	ND<0.390	ND<0.327	ND<0.320	ND<0.327	ND<0.316	0.85	ND<0.349	ND<0.327
Flourene	1,000	56	ND<0.320	3.5	ND<0.390	ND<0.323	ND<0.327	ND<0.390	ND<0.327	ND<0.320	ND<0.327	ND<0.316	0.86	ND<0.349	ND<0.327
Phenanthrene	1,000	40	ND<0.320	28	ND<0.390	3.5	2.8	ND<0.390	0.34	0.63	ND<0.327	1.1	8.9	0.93	2
Anthracene	1,000	400	ND<0.320	5.2	ND<0.390	0.92	7.4	ND<0.390	ND<0.327	ND<0.320	ND<0.327	ND<0.316	2.3	ND<0.349	0.5
Fluoranthene	1,000	56	ND<0.320	72	0.64	5.7	6.2	ND<0.390	0.71	1.5	0.39	2.2	13	1.9	3.9
Pyrene	1,000	40	ND<0.320	62	0.55	5.6	5.2	0.5	0.68	1.2	0.5	2	11	1.8	3.4
Benzo(a)Anthracene	1	1	ND<0.320	32	ND<0.390	4	3.8	ND<0.390	0.42	0.68	0.36	1.1	6.6	1	1.9
Chrysene	84	1	ND<0.320	29	ND<0.390	3.2	3.1	ND<0.390	0.48	0.73	0.47	1.1	6	1.1	2
Benzo(b)Fluoranthene	1	1	ND<0.320	35	0.48	5.7	5.1	ND<0.390	0.65	0.95	0.62	1.3	7.4	1.2	2.3
Benzo(k)Fluoranthene	8.4	1	ND<0.320	16	ND<0.390	1.9	1.8	ND<0.390	ND<0.327	0.42	ND<0.327	0.54	3.2	0.56	1
Benzo(a)Pyrene	1	1	ND<0.320	31	0.39	4.3	3.7	ND<0.390	0.5	0.76	0.36	1.3	6.7	1.2	2.1
Indeno(1,2,3-cd)Pyrene	1	1	ND<0.320	6.5	ND<0.390	2.1	1.4	ND<0.390	ND<0.327	ND<0.320	ND<0.327	0.7	3.2	0.49	0.7
Dibenz(a,h)anthracene	1	1	ND<0.320	2.3	ND<0.390	0.68	0.49	ND<0.390	ND<0.327	ND<0.320	ND<0.327	ND<0.316	0.95	ND<0.349	ND<0.327
Benzo(g,h,i)Perylene	1,000	42	ND<0.320	7	0.44	2.1	1.5	ND<0.390	ND<0.327	ND<0.320	ND<0.327	0.81	3.1	0.52	0.69
Total Metals (mg/Kg)				NA				NA							
Lead	400	NE	14		180	510	390		370	100	140	130	1,100	720	210
Selenium	340	NE	NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Cadmium	34	NE	NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Chromium	NE	NE	NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Arsenic	10	NE	3.7		5.8	8.8	8.7		7.2	4.8	4.9	6.4	16	23	8.1
Barium	4,700	NE	NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Silver	340	NE	NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Mercury	20	NE	NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
TCLP Metals (mg/L)			NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Lead	NE	0.15		0.86				3.6							
Arsenic	NE	0.1		ND<0.05				ND<0.05							
Polychlorinated Biphenyls (PCBs)															
Total PCBs (mg/Kg)	1	NE	ND<0.30	ND<0.24	ND<0.40	ND<0.22	ND<0.30	ND<0.40	ND<0.30	ND<0.30	ND<0.30	ND<0.22	1.67	0.63	ND<0.30
% Solids	NE	NE	94	85	77	93	92	77	92	94	92	95	88	86	92
Notes: Only parameters detected are shown Bold and shaded concentrations exceed one or more of the RSR criteria ND = Not Detected at the indicated detection limit NE = None Established NA = Not Analyzed RSR = Remediation Standard Regulations DEC = Direct Exposure Criteria PMC = Pollutant Mobility Criteria															

Table 1
Summary of Analytes Detected in Soil Samples
Longfellow School - Bridgeport, CT

Compound	RSR Criteria		TB-326	TB-327	TB-328	TB-328	TB-329	TB-329	TB-330	TB-330	TB-331	TB-332	TB-333	TB-333
	RES. DEC	GB PMC	0-1.5' 8/2/11	0-1.5' 8/2/11	0-1.5' 8/2/11	2-4' 8/2/11	0-1.5' 8/2/11	2-4' 8/2/11	0-1.5' 8/2/11	2-4' 8/2/11	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/2/11	2-4' 8/2/11
Petroleum Hydrocarbons														
ETPH (mg/Kg)	500	2500	470	220	160	ND<53	ND<55	340	ND<59	3,600	ND<55	ND<54	ND<55	8,000
VOCs (mg/Kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	500	140												
Carbon Disulfide	500	140												
Toluene	500	67												
Ethylbenzene	500	10.1												
Total Xylenes	500	19.5												
Isopropylbenzene	500	132												
n-Propylbenzene	500	14												
1,3,5 Trimethylbenzene	500	70												
tert-Butylbenzene	500	14												
1,2,4-Trimethylbenzene	500	70												
sec-Butylbenzene	500	14												
n-Butylbenzene	500	14												
Naphthalene	1,000	56												
PAHs (mg/Kg)														
Naphthalene	1,000	56	ND<0.323	0.36	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	ND<0.320	ND<0.330	ND<0.320	ND<0.330	ND<0.395
2-Methyl Naphthalene	474	9.8	ND<0.323	ND<0.327	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	ND<0.320	ND<0.330	ND<0.320	ND<0.330	ND<0.395
Acenaphthylene	1,000	84	ND<0.323	0.44	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	ND<0.320	ND<0.330	ND<0.320	ND<0.330	0.42
Acenaphthene	1,000	84	ND<0.323	0.41	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	ND<0.320	ND<0.330	ND<0.320	ND<0.330	ND<0.395
Flourene	1,000	56	0.42	0.74	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	ND<0.320	ND<0.330	ND<0.320	ND<0.330	ND<0.395
Phenanthrene	1,000	40	2.5	6.6	ND<0.310	ND<0.313	0.65	0.67	0.91	0.54	ND<0.330	ND<0.320	ND<0.330	1.2
Anthracene	1,000	400	0.72	1.2	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	ND<0.320	ND<0.330	ND<0.320	ND<0.330	0.42
Fluoranthene	1,000	56	3.7	7.5	ND<0.310	ND<0.313	1.2	1.4	2.2	1.4	ND<0.330	ND<0.320	ND<0.330	3
Pyrene	1,000	40	3.2	6	ND<0.310	ND<0.313	1.2	1.4	2.4	1.6	ND<0.330	ND<0.320	ND<0.330	3
Benzo(a)Anthracene	1	1	1.9	2.9	ND<0.310	ND<0.313	0.68	0.79	1.1	0.82	ND<0.330	ND<0.320	ND<0.330	1.6
Chrysene	84	1	1.8	2.9	ND<0.310	ND<0.313	0.67	0.84	1.3	1	ND<0.330	ND<0.320	ND<0.330	1.7
Benzo(b)Fluoranthene	1	1	2	3.3	ND<0.310	ND<0.313	0.8	0.97	1.3	0.89	ND<0.330	ND<0.320	ND<0.330	2.1
Benzo(k)Fluoranthene	8.4	1	0.99	1.4	ND<0.310	ND<0.313	0.35	0.45	0.6	0.4	ND<0.330	ND<0.320	ND<0.330	0.82
Benzo(a)Pyrene	1	1	2	2.7	ND<0.310	ND<0.313	0.71	0.89	1.1	0.91	ND<0.330	ND<0.320	ND<0.330	2
Indeno(1,2,3-cd)Pyrene	1	1	0.71	0.96	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	0.36	0.65	ND<0.330	ND<0.320	ND<0.330	1.3
Dibenz(a,h)anthracene	1	1	ND<0.323	ND<0.327	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	ND<0.320	ND<0.330	ND<0.320	ND<0.330	ND<0.395
Benzo(g,h,i)Perylene	1,000	42	0.67	0.88	ND<0.310	ND<0.313	ND<0.327	NDS<0.362	ND<0.349	0.77	ND<0.330	ND<0.320	ND<0.330	1.4
Total Metals (mg/Kg)						NA		NA		NA				NA
Lead	400	NE	240	360	26		280		58		38	55	1,200	
Selenium	340	NE	NA	NA	NA		NA		NA		NA	NA	NA	
Cadmium	34	NE	NA	NA	NA		NA		NA		NA	NA	NA	
Chromium	NE	NE	NA	NA	NA		NA		NA		NA	NA	NA	
Arsenic	10	NE	7.4	7.1	3.6		5.9		4.8		5.5	8.6	3.2	
Barium	4,700	NE	NA	NA	NA		NA		NA		NA	NA	NA	
Silver	340	NE	NA	NA	NA		NA		NA		NA	NA	NA	
Mercury	20	NE	NA	NA	NA		NA		NA		NA	NA	NA	
TCLP Metals (mg/L)			NA	NA	NA		NA		NA		NA	NA	NA	
Lead	NE	0.15				ND<0.013		1.7		0.082				3.3
Arsenic	NE	0.1				ND<0.05		ND<0.05		ND<0.05				ND<0.05
Polychlorinated Biphenyls (PCBs)														
Total PCBs (mg/Kg)	1	NE	0.28	ND<0.22	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.24	ND<0.30	ND<0.30	ND<0.30	ND<0.30	1.83
% Solids	NE	NE	93	92	97	96	92	83	86	94	91	94	91	76
Notes: Only parameters detected are shown Bold and shaded concentrations exceed one or more of the RSR criteria ND = Not Detected at the indicated detection limit NE = None Established NA = Not Analyzed RSR = Remediation Standard Regulations DEC = Direct Exposure Criteria PMC = Pollutant Mobility Criteria														

Table 1
Summary of Analytes Detected in Soil Samples
Longfellow School - Bridgeport, CT

Compound	RSR Criteria		TB-334	TB-335	TB-336	TB-337	TB-338	TB-339	TB-340	TB-341	TB-342	TB-342
	RES. DEC	GB PMC	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/3/11	0-1.5' 8/2/11	2-4' 8/2/11
Petroleum Hydrocarbons												
ETPH (mg/Kg)	500	2500	ND<52	86	150	200	320	ND<52	110	100	ND<53	8,300
VOCs (mg/Kg)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	500	140										
Carbon Disulfide	500	140										
Toluene	500	67										
Ethylbenzene	500	10.1										
Total Xylenes	500	19.5										
Isopropylbenzene	500	132										
n-Propylbenzene	500	14										
1,3,5 Trimethylbenzene	500	70										
tert-Butylbenzene	500	14										
1,2,4-Trimethylbenzene	500	70										
sec-Butylbenzene	500	14										
n-Butylbenzene	500	14										
Naphthalene	1,000	56										
PAHs (mg/Kg)												
Naphthalene	1,000	56	ND<0.310	ND<0.323	ND<0.310	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	1.2
2-Methyl Naphthalene	474	9.8	ND<0.310	ND<0.323	ND<0.310	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	0.97
Acenaphthylene	1,000	84	ND<0.310	ND<0.323	ND<0.310	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	1
Acenaphthene	1,000	84	ND<0.310	ND<0.323	ND<0.310	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	1.9
Flourene	1,000	56	ND<0.310	ND<0.323	ND<0.310	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	2.9
Phenanthrene	1,000	40	ND<0.310	0.47	0.5	ND<0.334	0.56	ND<0.310	ND<0.316	ND<0.313	ND<0.313	17
Anthracene	1,000	400	ND<0.310	ND<0.323	ND<0.310	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	3.5
Fluoranthene	1,000	56	ND<0.310	1.5	1.2	0.75	1.5	0.39	0.32	0.49	0.42	22
Pyrene	1,000	40	ND<0.310	1.2	1.1	0.69	1.3	0.33	ND<0.316	0.47	0.36	21
Benzo(a)Anthracene	1	1	ND<0.310	0.68	0.74	0.47	0.86	ND<0.310	ND<0.316	ND<0.313	ND<0.313	8.6
Chrysene	84	1	ND<0.310	0.81	0.77	0.52	0.89	ND<0.310	ND<0.316	ND<0.313	ND<0.313	12
Benzo(b)Fluoranthene	1	1	ND<0.310	0.86	1.1	0.76	1.1	ND<0.310	ND<0.316	ND<0.313	ND<0.313	20
Benzo(k)Fluoranthene	8.4	1	ND<0.310	0.38	0.48	ND<0.334	0.45	ND<0.310	ND<0.316	ND<0.313	ND<0.313	8.9
Benzo(a)Pyrene	1	1	ND<0.310	0.69	0.88	0.57	0.8	ND<0.310	ND<0.316	ND<0.313	ND<0.313	13
Indeno(1,2,3-cd)Pyrene	1	1	ND<0.310	0.33	0.44	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	1.9
Dibenz(a,h)anthracene	1	1	ND<0.310	ND<0.323	ND<0.310	ND<0.334	ND<0.307	ND<0.310	ND<0.316	ND<0.313	ND<0.313	0.64
Benzo(g,h,i)Perylene	1,000	42	ND<0.310	0.35	0.41	ND<0.334	0.36	ND<0.310	ND<0.316	ND<0.313	ND<0.313	1.9
Total Metals (mg/Kg)												NA
Lead	400	NE	14	59	42	33	49	17	60	34	37	
Selenium	340	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	34	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Arsenic	10	NE	2.4	5.6	4.3	3.9	4.7	2.8	5	19	3.2	
Barium	4,700	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Silver	340	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	20	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	
TCLP Metals (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	NE	0.15										3.2
Arsenic	NE	0.1										ND<0.05
Polychlorinated Biphenyls (PCBs)												
Total PCBs (mg/Kg)	1	NE	ND<0.30	ND<0.22	ND<0.21	ND<0.23	ND<0.21	ND<0.21	ND<0.22	ND<0.21	ND<0.30	1.42
% Solids	NE	NE	97	93	97	90	98	97	95	96	96	69
Notes: Only parameters detected are shown Bold and shaded concentrations exceed one or more of the RSR criteria ND = Not Detected at the indicated detection limit NE = None Established NA = Not Analyzed RSR = Remediation Standard Regulations DEC = Direct Exposure Criteria PMC = Pollutant Mobility Criteria												

Appendix A
Soil Boring and Monitoring Well Logs



TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

LOG OF BORING TB-300

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.784'
Easting Coord. : 73 13.113'
Survey By :
Logged By : PS

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				Brown fine SAND, trace silt, trace fine sub-angular gravel, some organic material.				
1					1	46	0.0	
2		Fill		Brown fine SAND, some glass, plastic, trace fine rounded gravel.				
3					2		0.0	
				Black fine SAND, some ash and metal.				
4				Bottom of boring 4.0 feet				
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.779'
Easting Coord. : 73 13.088'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				Grass with brown fine SAND, trace silt.				
1				ASH.	1	33	0.0	
				ASPHALT.				
				ASH, glass, brick, some dark brown silty sand.				
2		Fill		ASH, wood, slag, some black silty sand.				
3					2		0.0	
4				Bottom of boring 4 0 feet				
5								

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LOG OF BORING TB-302

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.764'
Easting Coord. : 73 13.102'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				MULCH.				
1		Fill		Gray fine SAND, some ash.	1	18	0.0	
2				ASH.				
				Bottom of boring 2.0 feet				
3								
4								
5								

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TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.777
Easting Coord. : 073'13.081
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS	1	18	0.0	
				Brown fine SAND, some silt, trace organic material				
1				Light brown, fine to coarse SAND, some silt, little angular gravel, trace organic material				
End of Boring at 1.5 ft below grade								
2								
3								
4								

LOG OF BORING TB-303

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TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.759'
Easting Coord. : 73 13.060'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				ASPHALT.				
				Brown fine SAND, some cobble fragments.				
1				Black fine SAND, some ash and slag.	1	27	0.0	
2		Fill						
3					2		0.0	
4				Bottom of boring 4.0 feet				
5								

LOG OF BORING TB-304

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TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.759
Easting Coord. : 073'13.102
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS	1	18	0.0	
				Brown fine SAND, some Silt, little rounded gravel, trace organic material, trace glass, trace coal				
1				Light brown, fine to coarse SAND, some silt, little rounded gravel,				
End of Boring at 1.5 ft below grade								
2								
3								
4								

LOG OF BORING TB-305

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LOG OF BORING TB-306

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.751'
Easting Coord. : 73 13.070'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				ASPHALT				
		Fill		Brown fine to medium SAND, trace fine to coarse gravel.	1	20	0.0	
1								
2								
3								
4								
5								

Bottom of boring 1.5 feet

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.756'
Easting Coord. : 73 13.110'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
		Fill		Brown fine SAND, trace silt, some ash and glass.	1	18	0.0	
1								
2				Bottom of boring 1.5 feet				
3								
4								
5								

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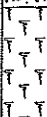
(Page 1 of 1)

139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.747'
Easting Coord. : 73 13.107'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS.	1	18	0.0	
				Brown fine SAND, some silt and organic material.				
				Tan fine SAND, some glass.				
1				ASH.				
		Bottom of boring 1.5 feet						
2								
3								
4								
5								

LOG OF BORING TB-308

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




139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.747'
Easting Coord. : 73 13.111'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS.	1	16	0.0	
				Brown fine SAND, some silt and organic material.				
				Brown fine SAND, some ash.				
1				ASH.				
		Bottom of boring 1.5 feet						
2								
3								
4								
5								



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Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.731
Easting Coord. : 073'13.102
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS	1	18	0.0	
				Brown fine SAND, some silt, little gravel, trace glass				
1								
2								
3								
4								
End of Boring at 1.5 ft below grade								
						LOG OF BORING TB-310		
						(Page 1 of 1)		



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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.715'
Easting Coord. : 73 13.104'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
		Fill		Brown fine SAND, some fine to coarse rounded gravel.	1	16	0.0	
1								
2								
3								
4								
5								

Bottom of boring 1.5 feet

LOG OF BORING TB-311

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.738'
Easting Coord. : 73 13.078'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (Inches)	PID (ppm)	Water Level
0				ASPHALT.				
		Fill		Dark brown fine to medium SAND, some fine gravel, trace glass, wood, and ash.	1	16	0.0	
1								
2				Bottom of boring 1.5 feet				
3								
4								
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. :
Easting Coord. :
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				ASPHALT.				
				Brown fine SAND.				
				COBBLES				
1				Brown and gray fine to medium SAND, some fine to coarse rounded gravel.	1	33	0.0	
2		Fill		Black SILTY SAND, some ash, glass, and slag.				
3					2		6.9	
4				Bottom of boring 4.0 feet				
5								

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Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.739'
Easting Coord. : 73 13.077'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				ASPHALT.				
1				Brown fine SAND, some fine to coarse rounded gravel.	1	42	3.2	
2				Gray fine to medium SAND, some fine to coarse rounded gravel.				
				Brown SILTY SAND, some fine gravel.				
				Brown medium SAND, trace fine gravel.				
3				Black fine SAND, some silt, some wood, trace ash.	2		3.2	
4				Bottom of boring 4 0 feet				
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.739'
Easting Coord. : 73 13.077'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				ASPHALT.				
1				Brown fine SAND, some fine to coarse rounded gravel.	1	34	0.0	
2		Fill		Black fine SAND, trace ash, ash, and fine rounded gravel.				
3					2		1.2	
4				Bottom of boring 4.0 feet				
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.737'
Easting Coord. : 73 13.071'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS and gravel.	1	17	0.0	
				Dark brown fine SAND, trace fine to coarse gravel.				
1								
2								
3								
4								
5								

Bottom of boring 1.5 feet

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.761'
Easting Coord. : 73 13.049'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS.	1	16	0.0	
				Brown fine SAND, trace fine gravel.				
1								
2								
3								
4								
5								

Bottom of boring 1.5 feet

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. :
Easting Coord. :
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				Brown fine SAND, trace silt, trace organic material, trace ash.				
1					1	42	0.0	
2		Fill		CONCRETE.				
3				Black fine SAND, some ash, coal, broken glass and metal.	2		0.0	
4				Bottom of boring 4.0 feet				
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.752'
Easting Coord. : 73 13.027'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
				Brown fine SAND, trace silt.				
1		Fill			1	16	0.0	
2				Bottom of boring 1.5 feet				
3								
4								
5								

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Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.737'
Easting Coord. : 73 13.026'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
				Brown fine SAND, trace medium SAND, trace fine gravel, trace organic material.				
1		Fill			1	17	0.0	
				Bottom of boring 1.5 feet				
2								
3								
4								
5								

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Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.743'
Easting Coord. : 73 13.042'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
		Fill		Dark brown fine SAND, trace silt, trace organic material.	1	16	0.0	
1								
2								
3								
4								
5								

Bottom of boring 1.5 feet

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Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41 9.728'
Easting Coord. : 73 13.052'
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Brown fine SAND, trace silt, trace organic material.				
				Brown fine SAND, trace silt, trace angular gravel.				
1		Fill			1	18	0.0	
				Bottom of boring 1.5 ft				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41 9.717'
Easting Coord. : 73 13.057'
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Brown fine SAND, trace silt, trace organic material.				
				Brown fine to coarse SAND, some glass trace silt, trace organic material, and trace gravel.	1	14	0.0	
1		Fill						
				Bottom of boring 1.5 ft				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41 9.716'
Easting Coord. : 73 13.054'
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Dark brown fine SAND, some glass, trace silt, trace organic material, and trace rounded gravel.				
1		Fill			1	14	0.0	
				Bottom of boring 1.5 ft				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41 9.712'
Easting Coord. : 73 13.063'
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
		Fill		Dark brown fine SAND, some organic material, trace silt.	1	18	0.0	
1				Light brown medium SAND, trace silt, trace angular gravel.				
				Bottom of boring 1.5 ft				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.709'
Easting Coord. : 73 13.024'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
				Brown fine SAND, some glass, trace fine rounded gravel.				
1		Fill			1	18	0.0	
				Black fine SAND, some glass, trace ash.				
				Bottom of boring 1.5 feet				
2								
3								
4								
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.691'
Easting Coord. : 73 13.027'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
		Fill		Brown fine SAND, some organic material, trace silt, trace ash.	1	18	0.0	
1								
2								
3								
4								
5								

Bottom of boring 1.5 feet

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.692'
Easting Coord. : 73 13.018'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (Inches)	PID (ppm)	Water Level
0				GRASS.				
				Brown fine SAND, some silt, trace fine gravel.				
1				Brown fine SAND, some medium sand, some cobble fragments, trace fine rounded gravel.	1	34	0.0	
2								
3					2		0.0	
4								
5								

Bottom of boring 4.0 feet

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.694'
Easting Coord. : 73 13.038'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS.				
				Tan fine SAND, trace silt.				
1				Brown fine SAND, some fine to coarse gravel.	1	46	0.0	
2								
3				Dark brown fine SAND, some wood and glass, trace ash.	2		0.0	
4				Bottom of boring 4.0 feet				
5								

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Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.685'
Easting Coord. : 73 13.060'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				ASPHALT.				
1				Black fine SAND, trace wood, some fine gravel.	1	46	0.0	
2				Dark brown fine SAND, some fine to coarse gravel, trace wood.				
3					2		0.0	
4				Bottom of boring 4.0 feet				
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.701
Easting Coord. : 073'13.073
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
		Fill		Light brown fine SAND, some silt, some rounded gravel, trace organic material	1	14	0.0	
1								
				End of Boring at 1.5 ft below grade				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41°09.692
Easting Coord. : 073°13.098
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Brown fine SAND, some silt, some rounded gravel, trace organic material				
1		Fill			1	14	0.0	
				End of Boring at 1.5 ft below grade				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.654'
Easting Coord. : 73 13.089'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
				Brown fine SAND, trace fine to coarse gravel.	1	34	0.0	
1				Black fine SAND, some wood, ash, metal, and glass.				
2		Fill			2		0.0	
3								
4				Bottom of boring 4.0 feet				
5								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.631
Easting Coord. : 073'13.087
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Dark brown fine SAND, some silt, some fine rounded gravel, trace organic material				
		Fill		Orange brown, fine to coarse SAND, some coarse rounded gravel, trace of silt	1	14	0.0	
1								
				End of boring at 1.5 feet below grade				
2								
3								
4								

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Environmental Consulting & Engineering

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.651
Easting Coord. : 073'13.047
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Light brown fine SAND, some silt, some gravel, trace organic material				
1		Fill			1	14	0.0	
				End of boring at 1.5 feet below grade				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41°09.658
Easting Coord. : 073°13.065
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS	1	18	0.0	
				Brown fine SAND, some silt, some gravel, trace organic material				
1								
2								
3								
4								
End of boring at 1.5 feet below grade								
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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.652
Easting Coord. : 073'13.055
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Brown fine SAND, some silt, little gravel, trace organic material				
1		Fill			1	18	0.0	
				End of boring at 1.5 feet below grade				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41°09.665
Easting Coord. : 073°13.060
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Light brown, fine to coarse SAND, some silt, some fine to coarse gravel, trace organic material				
1		Fill			1	18	0.0	
				End of boring at 1.5 feet below grade				
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started	: 8/3/2011
Date Completed	: 8/3/2011
Hole Diameter	: 2.0 in
Drilling Method	: Hand auger
Sampling Method	: Hand auger

Driller : Triton Environmental
 Northing Coord. : 41°09.639
 Easting Coord. : 073°13.046
 Survey By :
 Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0		Fill		GRASS	1	14	0.0	
				Light brown fine to coarse SAND, some fine to coarse rounded gravel, little silt, trace organic material				
1		End of boring at 1.5 feet below grade						
2								
3								
4								

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139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.639
Easting Coord. : 073'13.020
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
		Fill		Light brown fine SAND, little silt, trace gravel, trace organic material	1	18	0.0	
1				Light Brown fine SAND, some gravel, little silt, trace organic material				
				End of boring at 1.5 feet below grade				
2								
3								
4								

LOG OF BORING TB-340

(Page 1 of 1)



TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

LOG OF BORING TB-341

(Page 1 of 1)

139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/3/2011
Date Completed : 8/3/2011
Hole Diameter : 2.0 in
Drilling Method : Hand auger
Sampling Method : Hand auger

Driller : Triton Environmental
Northing Coord. : 41'09.669
Easting Coord. : 073'13.022
Survey By :
Logged By : MLR

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS				
				Light brown fine SAND some silt, little rounded gravel, trace organic material				
1		Fill			1	14	0.0	
				End of boring at 1.5 feet below grade				
2								
3								
4								

LOG OF BORING TB-341

(Page 1 of 1)



TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

LOG OF BORING TB-342

(Page 1 of 1)

139 Ocean Terrace
Bridgeport, Connecticut

Triton Project # 103734

Date Started : 8/2/2011
Date Completed : 8/2/2011
Hole Diameter : 2.0 in
Drilling Method : Geoprobe
Sampling Method : Direct Push Core

Driller : Triton Environmental
Northing Coord. : 41 9.672'
Easting Coord. : 73 13.057'
Survey By :
Logged By : DSM

Depth in Feet	Surf. Elev. 100	Formation	GRAPHIC	DESCRIPTION	Samples	Recovery (inches)	PID (ppm)	Water Level
0				GRASS.				
1				Brown fine SAND, trace fine to coarse gravel.	1	38	0.0	
2		Fill		Black fine SAND, some wood, ash, metal, and glass.				
3					2		0.0	
4				Bottom of boring 4.0 feet				
5								

LOG OF BORING TB-342

(Page 1 of 1)

Appendix B
Laboratory Analytical Reports



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dave Vasiliou
Triton Environmental
385 Church St.
Guilford, CT 06437

Analytical Report

CET # 11080073

Report Date: August 11, 2011
Client Project: Longfellow Elementary, BPT
Client Project #: 103734



Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE77606	TB-300 0-1.5	Soil	8/2/2011		08/03/2011
AE77607	TB-300 2-4	Soil	8/2/2011		08/03/2011
AE77608	TB-301 0-1.5	Soil	8/2/2011		08/03/2011
AE77609	TB-301 2-4	Soil	8/2/2011		08/03/2011
AE77610	TB-302 0-1.5	Soil	8/2/2011		08/03/2011
AE77611	TB-306 0-1.5	Soil	8/2/2011		08/03/2011
AE77612	TB-307 0-1.5	Soil	8/2/2011		08/03/2011
AE77613	TB-308 0-1.5	Soil	8/2/2011		08/03/2011
AE77614	TB-309 0-1.5	Soil	8/2/2011		08/03/2011
AE77615	TB-311 0-1.5	Soil	8/2/2011		08/03/2011
AE77616	TB-312 0-1.5	Soil	8/2/2011		08/03/2011
AE77617	TB-313 0-1.5	Soil	8/2/2011		08/03/2011
AE77618	TB-313 2-4	Soil	8/2/2011		08/03/2011
AE77619	TB-314 0-1.5	Soil	8/2/2011		08/03/2011
AE77620	TB-314 2-4	Soil	8/2/2011		08/03/2011
AE77621	TB-315 0-1.5	Soil	8/2/2011		08/03/2011
AE77622	TB-315 2-4	Soil	8/2/2011		08/03/2011
AE77623	TB-316 0-1.5	Soil	8/2/2011		08/03/2011
AE77624	TB-317 0-1.5	Soil	8/2/2011		08/03/2011
AE77625	TB-318 0-1.5	Soil	8/2/2011		08/03/2011
AE77626	TB-318 2-4	Soil	8/2/2011		08/03/2011
AE77627	TB-319 0-1.5	Soil	8/2/2011		08/03/2011
AE77628	TB-320 0-1.5	Soil	8/2/2011		08/03/2011
AE77629	TB-321 0-1.5	Soil	8/2/2011		08/03/2011
AE77630	TB-322 0-1.5	Soil	8/2/2011		08/03/2011
AE77631	TB-323 0-1.5	Soil	8/2/2011		08/03/2011
AE77632	TB-324 0-1.5	Soil	8/2/2011		08/03/2011
AE77633	TB-325 0-1.5	Soil	8/2/2011		08/03/2011
AE77634	TB-326 0-1.5	Soil	8/2/2011		08/03/2011
AE77635	TB-327 0-1.5	Soil	8/2/2011		08/03/2011
AE77636	TB-328 0-1.5	Soil	8/2/2011		08/03/2011
AE77637	TB-328 2-4	Soil	8/2/2011		08/03/2011
AE77638	TB-329 0-1.5	Soil	8/2/2011		08/03/2011
AE77639	TB-329 2-4	Soil	8/2/2011		08/03/2011
AE77640	TB-304 0-1.5	Soil	8/2/2011		08/03/2011
AE77641	TB-304 2-4	Soil	8/2/2011		08/03/2011
AE77642	TB-330 0-1.5	Soil	8/2/2011		08/03/2011
AE77643	TB-330 2-4	Soil	8/2/2011		08/03/2011
AE77644	TB-333 0-1.5	Soil	8/2/2011		08/03/2011
AE77645	TB-333 2-4	Soil	8/2/2011		08/03/2011
AE77646	TB-342 0-1.5	Soil	8/2/2011		08/03/2011
AE77647	TB-342 2-4	Soil	8/2/2011		08/03/2011

Sample temperature upon receipt was 3.5 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	TB-300 0-1.5	TB-301 0-1.5	TB-302 0-1.5	TB-306 0-1.5
CET ID	AE77606	AE77608	AE77610	AE77611
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Acid Digestion [EPA 3050B]

Client ID	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Acid Digestion [EPA 3050B]

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-314 0-1.5	TB-315 0-1.5
CET ID	AE77616	AE77617	AE77619	AE77621
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Acid Digestion [EPA 3050B]

Client ID	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5	TB-319 0-1.5
CET ID	AE77623	AE77624	AE77625	AE77627
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Acid Digestion [EPA 3050B]

Client ID	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5	TB-323 0-1.5
CET ID	AE77628	AE77629	AE77630	AE77631
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Acid Digestion [EPA 3050B]

Client ID	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Acid Digestion [EPA 3050B]

Client ID	TB-328 0-1.5	TB-329 0-1.5	TB-304 0-1.5	TB-330 0-1.5
CET ID	AE77636	AE77638	AE77640	AE77642
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Acid Digestion [EPA 3050B]

Client ID	TB-333 0-1.5	TB-342 0-1.5
CET ID	AE77644	AE77646
Date Analyzed	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
CET ID	AE77606	AE77607	AE77608	AE77609	AE77610
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-306 0-1.5	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77611	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
CET ID	AE77616	AE77617	AE77618	AE77619	AE77620
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-315 0-1.5	TB-315 2-4	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5
CET ID	AE77621	AE77622	AE77623	AE77624	AE77625
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-318 2-4	TB-319 0-1.5	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5
CET ID	AE77626	AE77627	AE77628	AE77629	AE77630
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-323 0-1.5	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77631	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-328 0-1.5	TB-328 2-4	TB-329 0-1.5	TB-329 2-4	TB-304 0-1.5
CET ID	AE77636	AE77637	AE77638	AE77639	AE77640
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB 304 2-4	TB 330 0-1.5	TB 330 2-4	TB 333 0-1.5	TB 333 2-4
CET ID	AE77641	AE77642	AE77643	AE77644	AE77645
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-342 0-1.5	TB-342 2-4
CET ID	AE77646	AE77647
Date Analyzed	8/5/2011	8/5/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
CET ID	AE77606	AE77607	AE77608	AE77609	AE77610
Date Analyzed	8/6/2011	8/6/2011	8/6/2011	8/6/2011	8/6/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-306 0-1.5	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77611	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/6/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
CET ID	AE77616	AE77617	AE77618	AE77619	AE77620
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-315 0-1.5	TB-315 2-4	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5
CET ID	AE77621	AE77622	AE77623	AE77624	AE77625
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-318 2-4	TB-319 0-1.5	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5
CET ID	AE77626	AE77627	AE77628	AE77629	AE77630
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-323 0-1.5	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77631	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-328 0-1.5	TB-328 2-4	TB-329 0-1.5	TB-329 2-4	TB-304 0-1.5
CET ID	AE77636	AE77637	AE77638	AE77639	AE77640
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB 304 2-4	TB 330 0-1.5	TB 330 2-4	TB 333 0-1.5	TB 333 2-4
CET ID	AE77641	AE77642	AE77643	AE77644	AE77645
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-342 0-1.5	TB-342 2-4
CET ID	AE77646	AE77647
Date Analyzed	8/8/2011	8/8/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
CET ID	AE77606	AE77607	AE77608	AE77609	AE77610
Date Analyzed	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-306 0-1.5	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77611	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
CET ID	AE77616	AE77617	AE77618	AE77619	AE77620
Date Analyzed	8/4/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-315 0-1.5	TB-315 2-4	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5
CET ID	AE77621	AE77622	AE77623	AE77624	AE77625
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-318 2-4	TB-319 0-1.5	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5
CET ID	AE77626	AE77627	AE77628	AE77629	AE77630
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-323 0-1.5	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77631	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/5/2011	8/6/2011	8/6/2011	8/6/2011	8/6/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-328 0-1.5	TB-328 2-4	TB-329 0-1.5	TB-329 2-4	TB-304 0-1.5
CET ID	AE77636	AE77637	AE77638	AE77639	AE77640
Date Analyzed	8/6/2011	8/6/2011	8/6/2011	8/6/2011	8/6/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-304 2-4	TB-330 0-1.5	TB-330 2-4	TB-333 0-1.5	TB-333 2-4
CET ID	AE77641	AE77642	AE77643	AE77644	AE77645
Date Analyzed	8/6/2011	8/6/2011	8/8/2011	8/8/2011	8/8/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-342 0-1.5	TB-342 2-4
CET ID	AE77646	AE77647
Date Analyzed	8/8/2011	8/8/2011

TCLP, Metals [EPA 1311]

Client ID	TB-300 2-4	TB-301 2-4	TB-313 2-4	TB-314 2-4	TB-315 2-4
CET ID	AE77607	AE77609	AE77618	AE77620	AE77622
Date Analyzed	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011

TCLP, Metals [EPA 1311]

Client ID	TB-318 2-4	TB-328 2-4	TB-329 2-4	TB-304 2-4	TB-330 2-4
CET ID	AE77626	AE77637	AE77639	AE77641	AE77643
Date Analyzed	8/4/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011

TCLP, Metals [EPA 1311]

Client ID	TB-333 2-4	TB-342 2-4
CET ID	AE77645	AE77647
Date Analyzed	8/9/2011	8/9/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
CET ID	AE77606	AE77607	AE77608	AE77609	AE77610
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Total Solids	89	82	92	81	72

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-306 0-1.5	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77611	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Total Solids	97	90	94	89	93

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
CET ID	AE77616	AE77617	AE77618	AE77619	AE77620
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Total Solids	84	94	54	94	90

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-315 0-1.5	TB-315 2-4	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5
CET ID	AE77621	AE77622	AE77623	AE77624	AE77625
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Total Solids	94	85	77	93	92

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-318 2-4	TB-319 0-1.5	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5
CET ID	AE77626	AE77627	AE77628	AE77629	AE77630
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Total Solids	77	92	94	92	95

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-323 0-1.5	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77631	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/5/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011
Total Solids	88	86	92	93	92

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-328 0-1.5	TB-328 2-4	TB-329 0-1.5	TB-329 2-4	TB-304 0-1.5
CET ID	AE77636	AE77637	AE77638	AE77639	AE77640
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011
Total Solids	97	96	92	83	84

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-304 2-4	TB-330 0-1.5	TB-330 2-4	TB-333 0-1.5	TB-333 2-4
CET ID	AE77641	AE77642	AE77643	AE77644	AE77645
Date Analyzed	8/8/2011	8/8/2011	8/9/2011	8/9/2011	8/9/2011
Total Solids	76	86	94	91	76

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-342 0-1.5	TB-342 2-4
CET ID	AE77646	AE77647
Date Analyzed	8/9/2011	8/9/2011
Total Solids	96	69

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-300 0-1.5	TB-301 0-1.5	TB-302 0-1.5	TB-306 0-1.5
CET ID	AE77606	AE77608	AE77610	AE77611
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	240	500	300	16
Arsenic	5.1	14	6.2	2.2

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	900	910	1100	260
Arsenic	12	17	11	5.7

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-314 0-1.5	TB-315 0-1.5
CET ID	AE77616	AE77617	AE77619	AE77621
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	210	6.6	67	14
Arsenic	5.0	3.5	2.7	3.7

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5	TB-319 0-1.5
CET ID	AE77623	AE77624	AE77625	AE77627
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	180	510	390	370
Arsenic	5.8	8.8	8.7	7.2

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5	TB-323 0-1.5
CET ID	AE77628	AE77629	AE77630	AE77631
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	100	140	130	1100
Arsenic	4.8	4.9	6.4	16

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	720	210	240	360
Arsenic	23	8.1	7.4	7.1

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-328 0-1.5	TB-329 0-1.5	TB-304 0-1.5	TB-330 0-1.5
CET ID	AE77636	AE77638	AE77640	AE77642
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	26	280	290	58
Arsenic	3.6	5.9	3.9	4.8

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-333 0-1.5	TB-342 0-1.5
CET ID	AE77644	AE77646
Date Analyzed	8/5/2011	8/5/2011
Dilution	1.0	1.0
Lead	1200	37
Arsenic	3.2	3.2

Total Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-314 0-1.5
CET ID	AE77619
Date Analyzed	8/5/2011
Dilution	1.0
Lead	45D
Arsenic	2.2

TCLP Metals [EPA 6020A] Units: mg/l

Client ID	TB-300 2-4	TB-301 2-4	TB-313 2-4	TB-314 2-4	TB-315 2-4
CET ID	AE77607	AE77609	AE77618	AE77620	AE77622
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	0.048	22	0.054	4.7	0.86
Arsenic	ND < 0.05	ND < 0.05	ND < 0.05	ND < 0.05	ND < 0.05

TCLP Metals [EPA 6020A] Units: mg/l

Client ID	TB-318 2-4	TB-328 2-4	TB-329 2-4	TB-304 2-4	TB-330 2-4
CET ID	AE77626	AE77637	AE77639	AE77641	AE77643
Date Analyzed	8/5/2011	8/10/2011	8/10/2011	8/10/2011	8/10/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	3.6	ND < 0.013	1.7	62	0.082
Arsenic	ND < 0.05	ND < 0.05	ND < 0.05	ND < 0.05	ND < 0.05

TCLP Metals [EPA 6020A] Units: mg/l

Client ID	TB-333 2-4	TB-342 2-4
CET ID	AE77645	AE77647
Date Analyzed	8/10/2011	8/10/2011
Dilution	1.0	1.0
Lead	3.3	3.2
Arsenic	ND < 0.05	ND < 0.05

TCLP Metals Dup by ICP/MS [EPA 6020A] Units: mg/l

Client ID	TB-300 2-4	TB-328 2-4
CET ID	AE77607	AE77637
Date Analyzed	8/5/2011	8/10/2011
Dilution	1.0	1.0
Lead	0.046	ND < 0.013
Arsenic	ND < 0.05	ND < 0.05

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
CET ID	AE77606	AE77607	AE77608	AE77609	AE77610
Date Analyzed	8/10/2011	8/9/2011	8/10/2011	8/9/2011	8/6/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
PCB-1221	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
PCB-1232	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
PCB-1242	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
PCB-1248	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
PCB-1254	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
PCB-1260	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
PCB-1268	ND < 0.23	ND < 0.25	ND < 0.22	ND < 0.25	ND < 0.40
TCMX (Surr 1) 50-150	104	92	107	100	89
DCB (Surr 2) 50-150	100	72	110	109	107

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-306 0-1.5	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77611	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/6/2011	8/10/2011	8/10/2011	8/10/2011	8/10/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.23	ND < 0.22	ND < 0.23	ND < 0.22
PCB-1221	ND < 0.30	ND < 0.23	ND < 0.22	ND < 0.23	ND < 0.22
PCB-1232	ND < 0.30	ND < 0.23	ND < 0.22	ND < 0.23	ND < 0.22
PCB-1242	ND < 0.30	ND < 0.23	ND < 0.22	ND < 0.23	ND < 0.22
PCB-1248	ND < 0.30	ND < 0.23	ND < 0.22	ND < 0.23	ND < 0.22
PCB-1254	ND < 0.30	ND < 0.23	ND < 0.22	ND < 0.23	0.36
PCB-1260	ND < 0.30	ND < 0.23	0.24	ND < 0.23	ND < 0.22
PCB-1268	ND < 0.30	ND < 0.23	ND < 0.22	ND < 0.23	ND < 0.22
TCMX (Surr 1) 50-150	101	102	119	113	117
DCB (Surr 2) 50-150	88	121	120	112	122

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
CET ID	AE77616	AE77617	AE77618	AE77619	AE77620
Date Analyzed	8/10/2011	8/6/2011	8/9/2011	8/6/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
PCB-1221	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
PCB-1232	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
PCB-1242	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
PCB-1248	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
PCB-1254	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
PCB-1260	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
PCB-1268	ND < 0.24	ND < 0.30	ND < 0.38	ND < 0.30	ND < 0.23
TCMX (Surr 1) 50-150	92	96	65	93	72
DCB (Surr 2) 50-150	89	90	63	102	109

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-315 0-1.5	TB-315 2-4	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5
CET ID	AE77621	AE77622	AE77623	AE77624	AE77625
Date Analyzed	8/6/2011	8/9/2011	8/6/2011	8/10/2011	8/8/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
PCB-1221	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
PCB-1232	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
PCB-1242	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
PCB-1248	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
PCB-1254	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
PCB-1260	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
PCB-1268	ND < 0.30	ND < 0.24	ND < 0.40	ND < 0.22	ND < 0.30
TCMX (Surr 1) 50-150	86	79	70	87	112
DCB (Surr 2) 50-150	82	126	116	107	126

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-318 2-4	TB-319 0-1.5	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5
CET ID	AE77626	AE77627	AE77628	AE77629	AE77630
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/12/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
PCB-1221	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
PCB-1232	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
PCB-1242	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
PCB-1248	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
PCB-1254	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
PCB-1260	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
PCB-1268	ND < 0.40	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.22
TCMX (Surr 1) 50-150	94	95	107	98	99
DCB (Surr 2) 50-150	85	78	125	93	114

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-323 0-1.5	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77631	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/12/2011	8/12/2011	8/8/2011	8/10/2011	8/12/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.23	ND < 0.24	ND < 0.30	ND < 0.22	ND < 0.22
PCB-1221	ND < 0.23	ND < 0.24	ND < 0.30	ND < 0.22	ND < 0.22
PCB-1232	ND < 0.23	ND < 0.24	ND < 0.30	ND < 0.22	ND < 0.22
PCB-1242	ND < 0.23	ND < 0.24	ND < 0.30	ND < 0.22	ND < 0.22
PCB-1248	ND < 0.23	ND < 0.24	ND < 0.30	ND < 0.22	ND < 0.22
PCB-1254	1.0	0.26	ND < 0.30	ND < 0.22	ND < 0.22
PCB-1260	0.67	0.37	ND < 0.30	0.28	ND < 0.22
PCB-1268	ND < 0.23	ND < 0.24	ND < 0.30	ND < 0.22	ND < 0.22
TCMX (Surr 1) 50-150	110	85	103	102	107
DCB (Surr 2) 50-150	115	118	94	128	134

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-328 0-1.5	TB-328 2-4	TB-329 0-1.5	TB-329 2-4	TB-304 0-1.5
CET ID	AE77636	AE77637	AE77638	AE77639	AE77640
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/10/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
PCB-1221	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
PCB-1232	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
PCB-1242	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
PCB-1248	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
PCB-1254	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
PCB-1260	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
PCB-1268	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.40	ND < 0.24
TCMX (Surr 1) 50-150	100	98	116	92	90
DCB (Surr 2) 50-150	82	78	122	107	102

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-304 2-4	TB-330 0-1.5	TB-330 2-4	TB-333 0-1.5	TB-333 2-4
CET ID	AE77641	AE77642	AE77643	AE77644	AE77645
Date Analyzed	8/12/2011	8/10/2011	8/8/2011	8/8/2011	8/12/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	ND < 0.27
PCB-1221	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	ND < 0.27
PCB-1232	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	ND < 0.27
PCB-1242	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	ND < 0.27
PCB-1248	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	ND < 0.27
PCB-1254	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	0.58
PCB-1260	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	0.74
PCB-1268	ND < 0.27	ND < 0.24	ND < 0.30	ND < 0.30	0.51
TCMX (Surr 1) 50-150	102	104	101	91	93
DCB (Surr 2) 50-150	91	134	77	74	114

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-342 0-1.5	TB-342 2-4
CET ID	AE77646	AE77647
Date Analyzed	8/9/2011	8/12/2011
Dilution	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.29
PCB-1221	ND < 0.30	ND < 0.29
PCB-1232	ND < 0.30	ND < 0.29
PCB-1242	ND < 0.30	ND < 0.29
PCB-1248	ND < 0.30	ND < 0.29
PCB-1254	ND < 0.30	0.70
PCB-1260	ND < 0.30	0.72
PCB-1268	ND < 0.30	ND < 0.29
TCMX (Surr 1) 50-150	106	115
DCB (Surr 2) 50-150	85	105

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
CET ID	AE77606	AE77607	AE77608	AE77609	AE77610
Date Analyzed	8/5/2011	8/6/2011	8/6/2011	8/6/2011	8/6/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	ND < 338	3800	1300	7000	ND < 417
2-Methyl Naphthalene	ND < 338	4600	920	7800	ND < 417
Acenaphthylene	ND < 338	810	5100	4500	ND < 417
Acenaphthene	ND < 338	900	1600	5100	ND < 417
Fluorene	ND < 338	1300	4700	13000E	ND < 417
Phenanthrene	470	2700	58000E	50000E	820
Anthracene	ND < 338	900	10000E	9800	ND < 417
Fluoranthene	840	3300	51000E	25000E	1400
Pyrene	810	3700	37000E	22000E	1200
Benzo[a]anthracene	460	2100	20000E	11000E	850
Chrysene	580	2400	16000E	10000E	1000

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
Benzo[b]fluoranthene	480	2200	25000E	12000E	1000
Benzo[k]fluoranthene	ND < 338	870	7000	4300	470
Benzo[a]pyrene	420	1600	16000E	8700	830
Indeno[1,2,3-cd]pyrene	ND < 338	470	4500	2500	450
Dibenz[a,h]anthracene	ND < 338	ND < 366	1600	980	ND < 417
Benzo[g,h,i]perylene	370	440	4200	2500	480
Nitrobenzene-d5(Surr) 30-130	64	56.3	64.4	55.9	65.9
2-Fluorobiphenyl (Surr) 30-130	61.4	60.7	64.2	58.8	62.1
Terphenyl-d14 (Surr) 30-130	44.2	39.8	37.3	38	48.8

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-306 0-1.5	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77611	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/6/2011	8/6/2011	8/6/2011	8/6/2011	8/6/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	ND < 310	ND < 334	ND < 320	3100	ND < 323
2-Methyl Naphthalene	ND < 310	ND < 334	ND < 320	1700	ND < 323
Acenaphthylene	ND < 310	ND < 334	790	990	ND < 323
Acenaphthene	ND < 310	ND < 334	ND < 320	ND < 338	ND < 323
Fluorene	ND < 310	ND < 334	ND < 320	ND < 338	ND < 323
Phenanthrene	ND < 310	3500	2300	2900	ND < 323
Anthracene	ND < 310	620	450	740	ND < 323
Fluoranthene	ND < 310	4600	3700	6100	350
Pyrene	ND < 310	4100	4300	6000	330
Benzo[a]anthracene	ND < 310	2300	2000	3800	ND < 323
Chrysene	ND < 310	2300	2600	4500	ND < 323
Benzo[b]fluoranthene	ND < 310	2700	3000	6400	ND < 323
Benzo[k]fluoranthene	ND < 310	1100	1100	2200	ND < 323
Benzo[a]pyrene	ND < 310	2100	1900	3800	ND < 323
Indeno[1,2,3-cd]pyrene	ND < 310	790	660	1200	ND < 323
Dibenz[a,h]anthracene	ND < 310	ND < 334	ND < 320	420	ND < 323
Benzo[g,h,i]perylene	ND < 310	760	740	1100	ND < 323
Nitrobenzene-d5(Surr) 30-130	65.2	68.4	66.2	58.9	60.6
2-Fluorobiphenyl (Surr) 30-130	60.8	64.9	68.7	62.5	57.7
Terphenyl-d14 (Surr) 30-130	51.1	43.1	45.3	40	43.3

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
CET ID	AE77616	AE77617	AE77618	AE77619	AE77620
Date Analyzed	8/6/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	5700	ND < 320	3800	ND < 320	3900
2-Methyl Naphthalene	4100	ND < 320	800	ND < 320	7000
Acenaphthylene	1400	ND < 320	ND < 556	ND < 320	1500
Acenaphthene	2400	ND < 320	ND < 556	ND < 320	3700
Fluorene	3000	ND < 320	ND < 556	ND < 320	4300
Phenanthrene	10000	ND < 320	580	ND < 320	13000

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
Anthracene	2300	ND < 320	ND < 556	ND < 320	3600
Fluoranthene	6800	ND < 320	ND < 556	ND < 320	9400
Pyrene	8600	ND < 320	ND < 556	ND < 320	11000
Benzo[a]anthracene	4300	ND < 320	ND < 556	ND < 320	6700
Chrysene	4900	ND < 320	ND < 556	ND < 320	6700
Benzo[b]fluoranthene	6200	ND < 320	ND < 556	330	8800
Benzo[k]fluoranthene	2400	ND < 320	ND < 556	ND < 320	3000
Benzo[a]pyrene	4700	ND < 320	ND < 556	ND < 320	6800
Indeno[1,2,3-cd]pyrene	950	ND < 320	ND < 556	ND < 320	1600
Dibenz[a,h]anthracene	400	ND < 320	ND < 556	ND < 320	710
Benzo[g,h,i]perylene	890	ND < 320	ND < 556	ND < 320	1800
Nitrobenzene-d5(Surr) 30-130	58.2	60.7	49.1	55.7	56
2-Fluorobiphenyl (Surr) 30-130	58.8	60.7	49.6	60.3	57.6
Terphenyl-d14 (Surr) 30-130	41.6	46.3	36.6	45.1	42.4

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-315 0-1.5	TB-315 2-4	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5
CET ID	AE77621	AE77622	AE77623	AE77624	AE77625
Date Analyzed	8/8/2011	8/8/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	ND < 320	2200	ND < 390	360	ND < 327
2-Methyl Naphthalene	ND < 320	600	ND < 390	ND < 323	ND < 327
Acenaphthylene	ND < 320	3900	ND < 390	910	690
Acenaphthene	ND < 320	1200	ND < 390	ND < 323	ND < 327
Fluorene	ND < 320	3500	ND < 390	ND < 323	ND < 327
Phenanthrene	ND < 320	22000E	ND < 390	3500	2800
Anthracene	ND < 320	5200	ND < 390	920	740
Fluoranthene	ND < 320	52000E	640	5700	6200
Pyrene	ND < 320	43000E	550	5600	5200
Benzo[a]anthracene	ND < 320	26000E	ND < 390	4000	3800
Chrysene	ND < 320	21000E	ND < 390	3200	3100
Benzo[b]fluoranthene	ND < 320	40000E	480	5700	5100
Benzo[k]fluoranthene	ND < 320	13000E	ND < 390	1900	1800
Benzo[a]pyrene	ND < 320	26000E	390	4300	3700
Indeno[1,2,3-cd]pyrene	ND < 320	6500	ND < 390	2100	1400
Dibenz[a,h]anthracene	ND < 320	2300	ND < 390	680	490
Benzo[g,h,i]perylene	ND < 320	7000	440	2100	1500
Nitrobenzene-d5(Surr) 30-130	55.8	60.2	59.5	57.9	58.6
2-Fluorobiphenyl (Surr) 30-130	57.3	58	53.9	58	58.9
Terphenyl-d14 (Surr) 30-130	41.7	44.9	44.2	40.9	42.3

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-318 2-4	TB-319 0-1.5	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5
CET ID	AE77626	AE77627	AE77628	AE77629	AE77630
Date Analyzed	8/9/2011	8/9/2011	8/10/2011	8/10/2011	8/10/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	ND < 390	ND < 327	ND < 320	ND < 327	ND < 316
2-Methyl Naphthalene	ND < 390	ND < 327	ND < 320	ND < 327	ND < 316
Acenaphthylene	ND < 390	ND < 327	ND < 320	ND < 327	ND < 316
Acenaphthene	ND < 390	ND < 327	ND < 320	ND < 327	ND < 316
Fluorene	ND < 390	ND < 327	ND < 320	ND < 327	ND < 316
Phenanthrene	ND < 390	340	630	ND < 327	1100
Anthracene	ND < 390	ND < 327	ND < 320	ND < 327	ND < 316
Fluoranthene	ND < 390	710	1500	390	2200
Pyrene	500	680	1200	500	2000
Benzo[a]anthracene	ND < 390	420	680	360	1100
Chrysene	ND < 390	480	730	470	1100
Benzo[b]fluoranthene	ND < 390	650	950	620	1300
Benzo[k]fluoranthene	ND < 390	ND < 327	420	ND < 327	540
Benzo[a]pyrene	ND < 390	500	760	360	1300
Indeno[1,2,3-cd]pyrene	ND < 390	ND < 327	ND < 320	ND < 327	700
Dibenz[a,h]anthracene	ND < 390	ND < 327	ND < 320	ND < 327	ND < 316
Benzo[g,h,i]perylene	ND < 390	ND < 327	ND < 320	ND < 327	810
Nitrobenzene-d5(Surr) 30-130	52.6	54.8	51.7	52.9	51.5
2-Fluorobiphenyl (Surr) 30-130	57.7	58	54.5	54.3	57.7
Terphenyl-d14 (Surr) 30-130	36.5	40.6	41.4	41.6	45.7

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-323 0-1.5	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77631	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/10/2011	8/10/2011	8/10/2011	8/10/2011	8/10/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	370	ND < 349	ND < 327	ND < 323	360
2-Methyl Naphthalene	ND < 341	ND < 349	ND < 327	ND < 323	ND < 327
Acenaphthylene	590	ND < 349	370	ND < 323	440
Acenaphthene	850	ND < 349	ND < 327	ND < 323	410
Fluorene	860	ND < 349	ND < 327	420	740
Phenanthrene	8900	930	2000	2500	6600
Anthracene	2300	ND < 349	500	720	1200
Fluoranthene	13000	1900	3900	3700	7500
Pyrene	11000	1800	3400	3200	6000
Benzo[a]anthracene	6600	1000	1900	1900	2900
Chrysene	6000	1100	2000	1800	2900
Benzo[b]fluoranthene	7400	1200	2300	2000	3300
Benzo[k]fluoranthene	3200	560	1000	990	1400
Benzo[a]pyrene	6700	1200	2100	2000	2700
Indeno[1,2,3-cd]pyrene	3200	490	700	710	960
Dibenz[a,h]anthracene	950	ND < 349	ND < 327	ND < 323	ND < 327
Benzo[g,h,i]perylene	3100	520	690	670	880
Nitrobenzene-d5(Surr) 30-130	57.9	58.1	63.2	67.6	49.1
2-Fluorobiphenyl (Surr) 30-130	62.2	67.3	74.7	75.1	61.4
Terphenyl-d14 (Surr) 30-130	50.1	74.2	76.7	77	79.3

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-328 0-1.5	TB-328 2-4	TB-329 0-1.5	TB-329 2-4	TB-304 0-1.5
CET ID	AE77636	AE77637	AE77638	AE77639	AE77640
Date Analyzed	8/10/2011	8/10/2011	8/10/2011	8/10/2011	8/11/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
2-Methyl Naphthalene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Acenaphthylene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Acenaphthene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Fluorene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Phenanthrene	ND < 310	ND < 313	650	670	590
Anthracene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Fluoranthene	ND < 310	ND < 313	1200	1400	830
Pyrene	ND < 310	ND < 313	1200	1400	840
Benzo[a]anthracene	ND < 310	ND < 313	680	790	510
Chrysene	ND < 310	ND < 313	670	840	720
Benzo[b]fluoranthene	ND < 310	ND < 313	800	970	620
Benzo[k]fluoranthene	ND < 310	ND < 313	350	450	370
Benzo[a]pyrene	ND < 310	ND < 313	710	890	570
Indeno[1,2,3-cd]pyrene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Dibenz[a,h]anthracene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Benzo[g,h,i]perylene	ND < 310	ND < 313	ND < 327	ND < 362	ND < 358
Nitrobenzene-d5(Surr) 30-130	58.5	50.6	39.3	35.8	47
2-Fluorobiphenyl (Surr) 30-130	70.1	59.3	51.9	40.2	51.7
Terphenyl-d14 (Surr) 30-130	80.1	80.4	81.9	74.8	54.2

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-304 2-4	TB-330 0-1.5	TB-330 2-4	TB-333 0-1.5	TB-333 2-4
CET ID	AE77641	AE77642	AE77643	AE77644	AE77645
Date Analyzed	8/11/2011	8/11/2011	8/11/2011	8/11/2011	8/11/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	2200	ND < 349	ND < 320	ND < 330	ND < 395
2-Methyl Naphthalene	5800	ND < 349	ND < 320	ND < 330	ND < 395
Acenaphthylene	ND < 395	ND < 349	ND < 320	ND < 330	420
Acenaphthene	ND < 395	ND < 349	ND < 320	ND < 330	ND < 395
Fluorene	ND < 395	ND < 349	ND < 320	ND < 330	ND < 395
Phenanthrene	2500	910	540	ND < 330	1200
Anthracene	460	ND < 349	ND < 320	ND < 330	420
Fluoranthene	4000	2200	1400	ND < 330	3000
Pyrene	3600	2400	1600	ND < 330	3000
Benzo[a]anthracene	1600	1100	820	ND < 330	1600
Chrysene	1900	1300	1000	ND < 330	1700
Benzo[b]fluoranthene	2100	1300	890	ND < 330	2100
Benzo[k]fluoranthene	990	600	400	ND < 330	820
Benzo[a]pyrene	1500	1100	910	ND < 330	2000
Indeno[1,2,3-cd]pyrene	540	360	650	ND < 330	1300
Dibenz[a,h]anthracene	ND < 395	ND < 349	ND < 320	ND < 330	ND < 395
Benzo[g,h,i]perylene	510	ND < 349	770	ND < 330	1400
Nitrobenzene-d5(Surr) 30-130	40.9	35.2	60.5	70.6	72.2
2-Fluorobiphenyl (Surr) 30-130	39.5	41.8	72.9	80.7	80.9
Terphenyl-d14 (Surr) 30-130	66.7	67.2	82	89.4	81.5

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-342 0-1.5	TB-342 2-4
CET ID	AE77646	AE77647
Date Analyzed	8/11/2011	8/11/2011
Dilution	1.0	1.0
Naphthalene	ND < 313	1200
2-Methyl Naphthalene	ND < 313	970
Acenaphthylene	ND < 313	1000
Acenaphthene	ND < 313	1900
Fluorene	ND < 313	2900
Phenanthrene	ND < 313	17000
Anthracene	ND < 313	3500
Fluoranthene	420	22000
Pyrene	360	21000
Benzo[a]anthracene	ND < 313	8600
Chrysene	ND < 313	12000
Benzo[b]fluoranthene	ND < 313	20000
Benzo[k]fluoranthene	ND < 313	8900
Benzo[a]pyrene	ND < 313	13000
Indeno[1,2,3-cd]pyrene	ND < 313	1900
Dibenz[a,h]anthracene	ND < 313	640
Benzo[g,h,i]perylene	ND < 313	1900
Nitrobenzene-d5(Surr) 30-130	74.5	78.5
2-Fluorobiphenyl (Surr) 30-130	71.9	71.9
Terphenyl-d14 (Surr) 30-130	80.2	70

EPA 8270C Semi-Vol. Organics Dil [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-301 0-1.5	TB-301 2-4	TB-315 2-4
CET ID	AE77608	AE77609	AE77622
Date Analyzed	8/8/2011	8/8/2011	8/11/2011
Dilution	10.0	10.0	10.0
Naphthalene	ND < 3261	5800	ND < 3530
2-Methyl Naphthalene	ND < 3261	6000	ND < 3530
Acenaphthylene	5200	4100	5600
Acenaphthene	ND < 3261	4200	ND < 3530
Fluorene	4900	10000	3900
Phenanthrene	57000	42000	28000
Anthracene	12000	7900	8700
Fluoranthene	57000	26000	72000
Pyrene	43000	22000	62000
Benzo[a]anthracene	21000	9400	32000
Chrysene	17000	8100	29000
Benzo[b]fluoranthene	15000	6200	35000
Benzo[k]fluoranthene	6600	ND < 3704	16000
Benzo[a]pyrene	15000	6300	31000
Indeno[1,2,3-cd]pyrene	7200	ND < 3704	8900
Dibenz[a,h]anthracene	ND < 3261	ND < 3704	ND < 3530
Benzo[g,h,i]perylene	7400	ND < 3704	8600
Nitrobenzene-d5(Surr) 30-130	60	44	69
2-Fluorobiphenyl (Surr) 30-130	59	46	65
Terphenyl-d14 (Surr) 30-130	36	33	48

EPA 8082 PCB Dup Result [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-306 0-1.5	TB-329 2-4
CET ID	AE77611	AE77639
Date Analyzed	8/6/2011	8/8/2011
Dilution	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.40
PCB-1221	ND < 0.30	ND < 0.40
PCB-1232	ND < 0.30	ND < 0.40
PCB-1242	ND < 0.30	ND < 0.40
PCB-1248	ND < 0.30	ND < 0.40
PCB-1254	ND < 0.30	ND < 0.40
PCB-1260	ND < 0.30	ND < 0.40
PCB-1268	ND < 0.30	ND < 0.40
TCMX (Surr 1)	100	101
DCB (Surr 2)	92	116

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-306 0-1.5	TB-324 0-1.5
CET ID	AE77611	AE77632
Date Analyzed	8/7/2011	8/9/2011
Dilution	1.0	1.0
ETPH	ND < 52	330*
Octacosane (surr)	117	117

*C₁₈ – C₃₆ May be PNA related/Motor Oil range

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-300 0-1.5	TB-300 2-4	TB-301 0-1.5	TB-301 2-4	TB-302 0-1.5
CET ID	AE77606	AE77607	AE77608	AE77609	AE77610
Date Analyzed	8/7/2011	8/7/2011	8/7/2011	8/7/2011	8/7/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	130**	2900***	3900****	2100****	ND < 70
Octacosane (surr) 50-150	117	113	118	118	114

**C₁₈ – C₃₆ Unknown

***C₁₈ – C₃₆ Motor Oil range

****C₁₈ – C₃₆ May be PNA related

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-306 0-1.5	TB-307 0-1.5	TB-308 0-1.5	TB-309 0-1.5	TB-311 0-1.5
CET ID	AE77611	AE77612	AE77613	AE77614	AE77615
Date Analyzed	8/7/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	ND < 52	2800*	620*	1500*	160*
Octacosane (surr) 50-150	115	123	120	121	103

*C₁₈ – C₃₆ May be PNA related/Motor Oil range

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-312 0-1.5	TB-313 0-1.5	TB-313 2-4	TB-314 0-1.5	TB-314 2-4
CET ID	AE77616	AE77617	AE77618	AE77619	AE77620
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	1400*	ND < 54	7000*	160***	4700*
Octacosane (surr) 50-150	139	124	120	124	136

*C₁₈ – C₃₆ May be PNA related/Motor Oil range

***C₁₈ – C₃₆ Motor Oil range

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-315 0-1.5	TB-315 2-4	TB-316 0-1.5	TB-317 0-1.5	TB-318 0-1.5
CET ID	AE77621	AE77622	AE77623	AE77624	AE77625
Date Analyzed	8/8/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	150***	1800*	ND < 65	520*	250*
Octacosane (surr) 50-150	118	129	117	122	120

*C₁₈ – C₃₆ May be PNA related/Motor Oil range

***C₁₈ – C₃₆ Motor Oil range

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-318 2-4	TB-319 0-1.5	TB-320 0-1.5	TB-321 0-1.5	TB-322 0-1.5
CET ID	AE77626	AE77627	AE77628	AE77629	AE77630
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	6500***	ND < 55	ND < 54	91***	99****
Octacosane (surr) 50-150	119	115	122	120	119

***C₁₈ – C₃₆ Motor Oil range

****C₁₈ – C₃₆ May be PNA related

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-323 0-1.5	TB-324 0-1.5	TB-325 0-1.5	TB-326 0-1.5	TB-327 0-1.5
CET ID	AE77631	AE77632	AE77633	AE77634	AE77635
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	950*	400*	280****	470*	220***
Octacosane (surr) 50-150	124	119	117	118	102

*C₁₈ – C₃₆ May be PNA related/Motor Oil range

***C₁₈ – C₃₆ Motor Oil range

****C₁₈ – C₃₆ May be PNA related

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-328 0-1.5	TB-328 2-4	TB-329 0-1.5	TB-329 2-4	TB-304 0-1.5
CET ID	AE77636	AE77637	AE77638	AE77639	AE77640
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	160***	ND < 53	ND < 55	340****	6000***
Octacosane (surr) 50-150	86.3	106	116	110	120

***C₁₈ – C₃₆ Motor Oil range

****C₁₈ – C₃₆ May be PNA related

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-304 2-4	TB-330 0-1.5	TB-330 2-4	TB-333 0-1.5	TB-333 2-4
CET ID	AE77641	AE77642	AE77643	AE77644	AE77645
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	590*	ND < 59	3600***	ND < 55	8000***
Octacosane (surr) 50-150	128	127	130	125	141

*C₁₈ – C₃₆ May be PNA related/Motor Oil range

***C₁₈ – C₃₆ Motor Oil range

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-342 0-1.5	TB-342 2-4
CET ID	AE77646	AE77647
Date Analyzed	8/9/2011	8/9/2011
Dilution	1.0	1.0
ETPH	ND < 53	8300*
Octacosane (surr) 50-150	129	131

*C₁₈ – C₃₆ May be PNA related/Motor Oil range

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
 - E - The result is estimated, above the calibration range.
 - H - The surrogate recovery is above the control limits.
 - L - The surrogate recovery is below the control limits.
 - B - The compound was detected in the laboratory blank.
 - P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
 - D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET #

Volatile Solids Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive Stratford, CT 06615 e-mail: cet1@ceelabs.com		Tel: (203) 377-9984 Fax: (203) 377-9952	
Sample ID	Date/Time	Matrix Asst Solid Wettable Soil C-Comp Other (Specify)	Turnaround Time **
			Same Day * Next Day * 2-3 Days * 5th (1-7 Days)
7B-312(0-1.5)	8/2/11	S	X
7B-313(0-1.5)			X
7B-313(2-4)			X
7B-313(10-1.5)			X
7B-314(2-4)			X
7B-315(0-1.5)			X
7B-315(2-4)			X
7B-316(0-1.5)			X
7B-317(0-1.5)			X
7B-318(0-1.5)	8/2/11	S	X
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)			
Soil VOCs Only (Radon, B-Benzene, F-Fuoride, P-Pesticide, S-Sulfide, V-Volatilized, W-Water, O-Other)			
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
Client / Reporting Information			
Company Name: <u>Triston Environmental Inc</u>			
Address: <u>385 Church Street</u>			
City: <u>Stratford</u> State: <u>CT</u> Zip: <u>06637</u>			
Report To: <u>Dave Vasilev</u> E-mail: <u></u>			
Phone #: <u>203-458-7200</u> Fax #: <u>203-458-7201</u>			
Additional charge may apply: ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV: 1/00			

Organics	Metals (check all that apply)	Additional Analysis	TOTAL # OF CONT.	NOTE #
8260 CT List				
8260 Aromatics				
8260 Halogens				
SPLP 8260				
TCLP 8260				
CT ETPH				
8270 CT List				
8270 PNA				
PCBs				
Pesticides				
Herbicides				
13 Priority Poll				
8 RCRA				
TOTAL PNA				
TCLP				
SPLP				
Field Filtered				
Lab To Filter				

NOTES:

Project Contact: Dave Vasilev PO #: 103734

Project: Longfellow Elementary Project #: 103734

Location: Stratford, CT Collector(s): DSK

CMOC: ☐ SW ☐ Site Specific (ASAPSD) ☐ PNA ☐ DOAW

Data Report: ☐ Email ☐ PDF ☒ Hard Copy ☐ Other (Specify)

FSR Reporting Limit (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use: ☐ Evidence of Leaking: ☒ Temp Upon Receipt: 25.0 °C

SHEET 2 OF 25



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # 1203

Volatile Soils Only:

Date and Time in Freezer

Client: _____
CET: _____

80 Lupes Drive Stratford, CT 06615 Tel: (203) 377-9984 Fax: (203) 377-9952 e-mail: cert@cellabs.com		Matrix A-Air S-Soil W-Water DW-Drinking W. C-Cassette Solid Wipe Other (Specify)		Turnaround Time (check one) Same Day * Next Day * 2-3 Days * Std (5-7 Days)		Organics										Metals (check all that apply)				Additional Analysis					
Sample ID TB-300(0-1.5) TB-300(2-4) TB-301(0-1.5) TB-301(2-4) TB-302(0-1.5) TB-306(0-1.5) TB-307(0-1.5) TB-308(0-1.5) TB-309(0-1.5) TB-311(0-1.5)		Date/Time 8/2/11		<input checked="" type="checkbox"/> AS		<input checked="" type="checkbox"/> Same Day * <input type="checkbox"/> Next Day * <input type="checkbox"/> 2-3 Days * <input type="checkbox"/> Std (5-7 Days)		8260 GT List 8260 Aromatics 8260 Halogens SPLP 8260 TCLP 8260 CT ETPH 8270 CT List 8270 PNAs PCBs Pesticides Herbicides 13 Priority Poll 8 RCRA TOTAL TCLP SPLP Field Filtered Lab To Filter										16+As Pb Cd Cu Ni Zn Cr Mn Co Fe Al Si Ca Mg K Na Ba Sr La Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er Tm Yb Lu Be B C N O F Ne Na Mg Al Si P S Cl Ar K Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn Ga Ge As Se Br Kr Rb Sr Y Zr Nb Mo Tc Ru Rh Pd Ag Cd In Sn Sb Te I Xe Ba La Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er Tm Yb Lu Hf Ta W Re Os Ir Pt Au Hg Tl Pb Bi Po At Rn Fr Ra Ac Th Pa U Np Pu Am Cm Bk Cf Es Fm Md No Lr				TOTAL # OF CONT. NOTE #			
								TB-300(0-1.5) 8/2/11 AS 1 TB-300(2-4) 8/2/11 AS 1 TB-301(0-1.5) 8/2/11 AS 1 TB-301(2-4) 8/2/11 AS 1 TB-302(0-1.5) 8/2/11 AS 1 TB-306(0-1.5) 8/2/11 AS 1 TB-307(0-1.5) 8/2/11 AS 1 TB-308(0-1.5) 8/2/11 AS 1 TB-309(0-1.5) 8/2/11 AS 1 TB-311(0-1.5) 8/2/11 AS 1																	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)																									
PREP/ANALYSIS (C-HCl, N-HNO ₃ , S-H ₂ SO ₄ , Na-NaOH, Ca-CaOH, O-Other)																									
Soil VOCs Only (M-MeOH, B-Benzene, W-Water, E-Ethanol, O-Other)																									
RECEIVED BY: [Signature]				DATE/TIME: 8/3/11 3:15 PM				RECEIVED BY: [Signature]				DATE/TIME: 8/3/11 3:15 PM													
RECEIVED BY: [Signature]				DATE/TIME: 8/3/11 3:15 PM				RECEIVED BY: [Signature]				DATE/TIME: 8/3/11 3:15 PM													
Client / Reporting Information																									
Company Name: Tr-ton Environmental Inc																									
Address: 385 Church Street																									
City: Guilford CT State: CT Zip: 06437																									
Report To: Dave Vasilion E-mail: dvasil@att.net																									
Phone #: 203-458-7200 Fax #: 203-458-7201																									
Additional charge may apply: ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV 7/11/10																									



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CEI
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Volative Soils Only:

Date and Time in Freezer

CET:

80 Lupes Drive Stratford, CT 06615 Tel: (203) 377-9984 Fax: (203) 377-9952 e-mail: cet1@cellabs.com		Matrix A=Air S=Soil W=Water DW=Drinking W. C=Cassette Solid Wipe Other (Specify)	
Sample ID	Date/Time	Turnaround Time ** (check one) <input type="checkbox"/> Same Day * <input type="checkbox"/> Next Day * <input type="checkbox"/> 2-3 Days * <input type="checkbox"/> Std (5-7 Days)	
TB-312(0-1.5) TB-313(0-1.5) TB-313(2-4) TB-314(0-1.5) TB-314(2-4) TB-315(0-1.5) TB-315(2-4) TB-316(0-1.5) TB-317(0-1.5) TB-318(0-1.5)	8/2/11 	S 	X
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)			
Soil VOCs Only (M-MeOH B-Biosorbate F-Fertilizer S-Spore)			
ANALYSED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
Client / Reporting Information			
Company Name:			
Address:			
City:			
State:			
Zip:			
Project To:			
E-mail:			

Project Contact: Dave Vasiliou Project #: 103734 Location: Bridgeport, CT Collector(s): DSA Lab Use: Evidence of Cooling: 2500 °C Temp Upon Receipt: 2500 °C	Project Information PO #: 103734 Project #: 103734 Collector(s): DSA Lab Use: Evidence of Cooling: 2500 °C Temp Upon Receipt: 2500 °C
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NOTES:	Organics 8260 CT List 8260 Aromatics 8260 Halogens SPLP 8260 TCLP 8260 CT ETPH 8270 CT List 8270 PNAa PCBs Pesticides Herbicides 13 Priority Poll 8 RCRA TOTAL Pb+As TCLP SPLP Field Filtered Lab To Filter
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Lab Use: Evidence of Cooling: 2500 °C Temp Upon Receipt: 2500 °C	Additional Analysis TOTAL # OF CONT. NOTE #
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COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CE 11003

Volatile Soils Only:

Date and Time in Freezer

CET:

[illegible]



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # 10803

Volatile Soils Only:

Date and Time in Freezer

CET:

[illegible]



CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer

CET:

Complete Environmental Testing, Inc.



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Triton Environmental

Project Location: Longfellow Elementary, BPT

Project Number: 103734

Laboratory Sample ID(s): AE77606-AE77647

Sampling Date(s): 8/2/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera):

CET#: 11080073

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	VPH and EPH Methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (<6°C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: David Ditta Position: Laboratory Director

Printed Name: David Ditta Date: 8/16/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.



80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Longfellow Elementary, BPT
CET#: 11080073

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 8/5/2011 Batch ID: 74578

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	100	80-120
Arsenic	ND<1.0	100	80-120

All associated samples: AE77608 AE77610 AE77611 AE77612 AE77613 AE77614 AE77617 AE77606 AE77615 AE77616

QA Type: Total Metals Date Analyzed: 8/5/2011 Batch ID: 74579

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	100	80-120
Arsenic	ND<1.0	100	80-120

All associated samples: AE77619 AE77621 AE77623 AE77625 AE77627 AE77628 AE77629 AE77633 AE77636 AE77624 AE77630 AE77631 AE77632 AE77634 AE77635 AE77638 AE77640 AE77642 AE77644 AE77646

QA Type: TCLP Metals Date Analyzed: 8/5/2011 Batch ID: 74583

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	103	80-120
Arsenic	ND<0.05	102	80-120

All associated samples: AE77607 AE77609 AE77618 AE77620 AE77622 AE77626

QA Type: Conn. Extractable TPH Date Analyzed: 8/7/2011 Batch ID: 74586

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	104	60-120

All associated samples: AE77607 AE77608 AE77609 AE77610 AE77611 AE77606

QA Type: EPA 8082 PCBs Date Analyzed: 8/5/2011 Batch ID: 74596

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.30	110	40-140
PCB-1260	ND<0.30	93	40-140

All associated samples: AE77607 AE77608 AE77609 AE77610 AE77611 AE77612 AE77613 AE77614 AE77617 AE77618 AE77619 AE77620 AE77621 AE77622 AE77623 AE77606 AE77615 AE77616 AE77624

Connecticut Laboratory Certification PH0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

QA Type: Semi-Volatile Organics Date Analyzed: 8/5/2011 Batch ID: 74603

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	56	40-140
2-Methyl Naphthalene	ND<300	54	40-140
Acenaphthylene	ND<300	50	40-140
Acenaphthene	ND<300	53	40-140
Fluorene	ND<300	52	40-140
Phenanthrene	ND<300	60	40-140
Anthracene	ND<300	59	40-140
Fluoranthene	ND<300	60	40-140
Pyrene	ND<300	61	40-140
Benzo[a]anthracene	ND<300	57	40-140
Chrysene	ND<300	61	40-140
Benzo[b]fluoranthene	ND<300	52	40-140
Benzo[k]fluoranthene	ND<300	59	40-140
Benzo[a]pyrene	ND<300	55	40-140
Indeno[1,2,3-cd]pyrene	ND<300	62	40-140
Dibenz[a,h]anthracene	ND<300	61	40-140
Benzo[g,h,i]perylene	ND<300	68	40-140

All associated samples: AE77607 AE77608 AE77609 AE77610 AE77611 AE77612 AE77613 AE77614 AE77606 AE77615 AE77616

QA Type: EPA 8082 PCBs Date Analyzed: 8/8/2011 Batch ID: 74604

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.20	110	40-140
PCB-1260	ND<0.20	110	40-140

All associated samples: AE77625 AE77626 AE77627 AE77628 AE77629 AE77633 AE77636 AE77639 AE77630 AE77631 AE77632 AE77634 AE77635 AE77637 AE77638

QA Type: EPA 8082 PCBs Date Analyzed: 8/8/2011 Batch ID: 74605

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.30	100	40-140
PCB-1260	ND<0.30	90	40-140

All associated samples: AE77640 AE77641 AE77642 AE77643 AE77644 AE77645 AE77646 AE77647

QA Type: Semi-Volatile Organics Date Analyzed: 8/8/2011 Batch ID: 74627

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	68	40-140
2-Methyl Naphthalene	ND<300	64	40-140
Acenaphthylene	ND<300	58	40-140
Acenaphthene	ND<300	63	40-140
Fluorene	ND<300	64	40-140
Phenanthrene	ND<300	73	40-140
Anthracene	ND<300	67	40-140
Fluoranthene	ND<300	76	40-140
Pyrene	ND<300	78	40-140
Benzo[a]anthracene	ND<300	70	40-140
Chrysene	ND<300	77	40-140
Benzo[b]fluoranthene	ND<300	60	40-140
Benzo[k]fluoranthene	ND<300	74	40-140
Benzo[a]pyrene	ND<300	68	40-140
Indeno[1,2,3-cd]pyrene	ND<300	81	40-140
Dibenz[a,h]anthracene	ND<300	82	40-140
Benzo[g,h,i]perylene	ND<300	87	40-140

All associated samples: AE77617 AE77618 AE77619 AE77620 AE77621 AE77622 AE77623 AE77625 AE77626 AE77627 AE77628 AE77629 AE77624 AE77630 AE77631

QA Type: Semi-Volatile Organics Date Analyzed: 8/9/2011 Batch ID: 74628

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	66	40-140
2-Methyl Naphthalene	ND<300	68	40-140
Acenaphthylene	ND<300	64	40-140
Acenaphthene	ND<300	68	40-140
Fluorene	ND<300	70	40-140
Phenanthrene	ND<300	73	40-140
Anthracene	ND<300	71	40-140
Fluoranthene	ND<300	77	40-140
Pyrene	ND<300	76	40-140
Benzo[a]anthracene	ND<300	72	40-140
Chrysene	ND<300	72	40-140
Benzo[b]fluoranthene	ND<300	67	40-140
Benzo[k]fluoranthene	ND<300	76	40-140
Benzo[a]pyrene	ND<300	74	40-140
Indeno[1,2,3-cd]pyrene	ND<300	86	40-140
Dibenz[a,h]anthracene	ND<300	78	40-140
Benzo[g,h,i]perylene	ND<300	87	40-140

All associated samples: AE77633 AE77636 AE77639 AE77632 AE77634 AE77635 AE77637 AE77638 AE77640 AE77641 AE77642

QA Type: Conn. Extractable TPH Date Analyzed: 8/8/2011 Batch ID: 74634

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	98	60-120

All associated samples: AE77612 AE77613 AE77614 AE77617 AE77618 AE77619 AE77620 AE77621 AE77622 AE77623 AE77625 AE77626 AE77627 AE77628 AE77629 AE77615 AE77616 AE77624 AE77630 AE77631

QA Type: Conn. Extractable TPH Date Analyzed: 8/9/2011 Batch ID: 74637

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	99	60-120

All associated samples: AE77633 AE77636 AE77639 AE77632 AE77634 AE77635 AE77637 AE77638 AE77640 AE77641 AE77642 AE77643 AE77644 AE77645 AE77646 AE77647

QA Type: Semi-Volatile Organics Date Analyzed: 8/11/2011 Batch ID: 74664

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	80	40-140
2-Methyl Naphthalene	ND<300	83	40-140
Acenaphthylene	ND<300	86	40-140
Acenaphthene	ND<300	86	40-140
Fluorene	ND<300	87	40-140
Phenanthrene	ND<300	86	40-140
Anthracene	ND<300	88	40-140
Fluoranthene	ND<300	89	40-140
Pyrene	ND<300	88	40-140
Benzo[a]anthracene	ND<300	86	40-140
Chrysene	ND<300	85	40-140
Benzo[b]fluoranthene	ND<300	78	40-140
Benzo[k]fluoranthene	ND<300	88	40-140
Benzo[a]pyrene	ND<300	91	40-140
Indeno[1,2,3-cd]pyrene	ND<300	98	40-140
Dibenz[a,h]anthracene	ND<300	96	40-140
Benzo[g,h,i]perylene	ND<300	96	40-140

All associated samples: AE77643 AE77644 AE77645 AE77646 AE77647

Project: Longfellow Elementary, BPT
Cet#: 11080073

QA Type: TCLP Metals Date Analyzed: 8/10/2011 Batch ID: 74679

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120
Arsenic	ND<0.05	104	80-120

All associated samples: AE77639 AE77637 AE77641 AE77643 AE77645 AE77647

Matrix Spike Report

QA Type: Semi-Volatile Organics Date Analyzed: 8/5/2011 Sample ID: AE77606 Client ID: TB-300 0-1.5

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Naphthalene	ND<338	4500	64	62	40-140	3.00	30
2-Methyl Naphthalene	ND<338	4500	64	67	40-140	4.00	30
Acenaphthylene	ND<338	4500	60	60	40-140	0.00	30
Acenaphthene	ND<338	4500	60	60	40-140	0.00	30
Fluorene	ND<338	4500	60	58	40-140	4.00	30
Phenanthrene	470	4500	76	70	40-140	9.00	30
Anthracene	ND<338	4500	67	69	40-140	3.00	30
Fluoranthene	840	4500	79	59	40-140	29.00	30
Pyrene	810	4500	78	58	40-140	30.00	30
Benzo[a]anthracene	460	4500	72	65	40-140	10.00	30
Chrysene	580	4500	69	67	40-140	3.00	30
Benzo[b]fluoranthene	480	4500	69	63	40-140	10.00	30
Benzo[k]fluoranthene	ND<338	4500	71	76	40-140	6.00	30
Benzo[a]pyrene	420	4500	64	62	40-140	3.00	30
Indeno[1,2,3-cd]pyrene	ND<338	4500	67	62	40-140	7.00	30
Dibenz[a,h]anthracene	ND<338	4500	64	62	40-140	3.00	30
Benzo[g,h,i]perylene	370	4500	54	52	40-140	4.00	30

QA Type: TCLP Metals Date Analyzed: 8/5/2011 Sample ID: AE77607 Client ID: TB-300 2-4

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	0.048	0.2	108	108	75-125	0.00	20
Arsenic	ND<0.05	0.2	120	114	75-125	5.13	20

QA Type: Conn. Extractable TPH Date Analyzed: 8/8/2011 Sample ID: AE77611 Client ID: TB-306 0-1.5

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<52	1550	99	101	50-150	1.60	30

QA Type: EPA 8082 PCBs Date Analyzed: 8/6/2011 Sample ID: AE77611 Client ID: TB-306 0-1.5

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
PCB-1016	ND<0.30	1.03	107	107	40-140	0.00	50
PCB-1260	ND<0.30	1.03	107	107	40-140	0.00	50

QA Type: Total Metals Date Analyzed: 8/5/2011 Sample ID: AE77619 Client ID: TB-314 0-1.5

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	67	26.6	#	#	75-125	#	35
Arsenic	2.7	26.6	93	92	75-125	1.60	35

QA Type: Semi-Volatile Organics Date Analyzed: 8/9/2011 Sample ID: AE77627 Client ID: TB-319 0-1.5

Analyte	SampRes	Amt	MS%R	MS CL
Naphthalene	ND<327	4300	60	40-140
2-Methyl Naphthalene	ND<327	4300	67	40-140
Acenaphthylene	ND<327	4300	60	40-140
Acenaphthene	ND<327	4300	58	40-140
Fluorene	ND<327	4300	58	40-140
Phenanthrene	340	4300	71	40-140
Anthracene	ND<327	4300	67	40-140
Fluoranthene	710	4300	111	40-140
Pyrene	680	4300	107	40-140
Benzo[a]anthracene	420	4300	95	40-140
Chrysene	480	4300	86	40-140
Benzo[b]fluoranthene	650	4300	113	40-140
Benzo[k]fluoranthene	ND<327	4300	100	40-140
Benzo[a]pyrene	500	4300	102	40-140
Indeno[1,2,3-cd]pyrene	ND<327	4300	65	40-140
Dibenz[a,h]anthracene	ND<327	4300	56	40-140
Benzo[g,h,i]perylene	ND<327	4300	56	40-140

QA Type: Conn. Extractable TPH Date Analyzed: 8/9/2011 Sample ID: AE77631 Client ID: TB-323 0-1.5

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	950	1700	91	96	50-150	5.65	30

QA Type: Conn. Extractable TPH Date Analyzed: 8/9/2011 Sample ID: AE77632 Client ID: TB-324 0-1.5

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	400	1740	107	101	50-150	5.77	30

QA Type: TCLP Metals Date Analyzed: 8/10/2011 Sample ID: AE77637 Client ID: TB-328 2-4

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	106	106	75-125	0.00	20
Arsenic	ND<0.05	0.20	104	107	75-125	2.84	20

QA Type: Semi-Volatile Organics Date Analyzed: 8/9/2011 Sample ID: AE77638 Client ID: TB-329 0-1.5

Analyte	SampRes	Amt	MS%R	MS CL
Naphthalene	ND<327	4300	40	40-140
2-Methyl Naphthalene	ND<327	4300	42	40-140
Acenaphthylene	ND<327	4300	54	40-140
Acenaphthene	ND<327	4300	56	40-140
Fluorene	ND<327	4300	63	40-140
Phenanthrene	650	4300	66	40-140
Anthracene	ND<327	4300	72	40-140
Fluoranthene	1200	4300	70	40-140
Pyrene	1200	4300	70	40-140
Benzo[a]anthracene	680	4300	73	40-140
Chrysene	670	4300	73	40-140
Benzo[b]fluoranthene	800	4300	81	40-140
Benzo[k]fluoranthene	350	4300	87	40-140
Benzo[a]pyrene	710	4300	76	40-140
Indeno[1,2,3-cd]pyrene	ND<327	4300	44	40-140
Dibenz[a,h]anthracene	ND<327	4300	46	40-140
Benzo[g,h,i]perylene	ND<327	4300	40	40-140

Project: Longfellow Elementary, BPT
Cet#: 11080073

QA Type: EPA 8082 PCBs Date Analyzed: 8/8/2011 Sample ID: AE77639 Client ID: TB-329 2-4

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
PCB-1016	ND<0.40	1.20	83	92	40-140	9.60	50
PCB-1260	ND<0.40	1.20	83	92	40-140	9.60	50

ND is not detected

Initial Cal. Report

<u>Compound</u>	<u>Batch#</u>	<u>%RSD</u>	<u>Limits</u>
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Initial Calibration SVOC

Benzo[b]fluoranthene	74603	23 H	20
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All associated samples: AE77607 AE77608 AE77609 AE77610 AE77611 AE77612 AE77613 AE77614
AE77606 AE77615 AE77616

Initial Calibration SVOC

Benzo[b]fluoranthene	74627	23 H	20
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All associated samples: AE77617 AE77618 AE77619 AE77620 AE77621 AE77622 AE77623 AE77625
AE77626 AE77627 AE77628 AE77629 AE77624 AE77630 AE77631

Initial Calibration SVOC

Dibenz[a,h]anthracene	74664	21 H	20
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All associated samples: AE77643 AE77644 AE77645 AE77646 AE77647

QC Batch Report

Total Metals Batch 74578

CET ID	Client Sample ID	Matrix	Collection Date
AE77608	TB-301 0-1.5	Soil	8/2/2011
AE77610	TB-302 0-1.5	Soil	8/2/2011
AE77611	TB-306 0-1.5	Soil	8/2/2011
AE77612	TB-307 0-1.5	Soil	8/2/2011
AE77613	TB-308 0-1.5	Soil	8/2/2011
AE77614	TB-309 0-1.5	Soil	8/2/2011
AE77617	TB-313 0-1.5	Soil	8/2/2011
AE77606	TB-300 0-1.5	Soil	8/2/2011
AE77615	TB-311 0-1.5	Soil	8/2/2011
AE77616	TB-312 0-1.5	Soil	8/2/2011

Total Metals Batch 74579

CET ID	Client Sample ID	Matrix	Collection Date
AE77619	TB-314 0-1.5	Soil	8/2/2011
AE77621	TB-315 0-1.5	Soil	8/2/2011
AE77623	TB-316 0-1.5	Soil	8/2/2011
AE77625	TB-318 0-1.5	Soil	8/2/2011
AE77627	TB-319 0-1.5	Soil	8/2/2011
AE77628	TB-320 0-1.5	Soil	8/2/2011
AE77629	TB-321 0-1.5	Soil	8/2/2011
AE77633	TB-325 0-1.5	Soil	8/2/2011
AE77636	TB-328 0-1.5	Soil	8/2/2011
AE77624	TB-317 0-1.5	Soil	8/2/2011
AE77630	TB-322 0-1.5	Soil	8/2/2011
AE77631	TB-323 0-1.5	Soil	8/2/2011
AE77632	TB-324 0-1.5	Soil	8/2/2011
AE77634	TB-326 0-1.5	Soil	8/2/2011
AE77635	TB-327 0-1.5	Soil	8/2/2011
AE77638	TB-329 0-1.5	Soil	8/2/2011
AE77640	TB-304 0-1.5	Soil	8/2/2011
AE77642	TB-330 0-1.5	Soil	8/2/2011
AE77644	TB-333 0-1.5	Soil	8/2/2011
AE77646	TB-342 0-1.5	Soil	8/2/2011

TCLP Metals Batch 74583

CET ID	Client Sample ID	Matrix	Collection Date
AE77607	TB-300 2-4	Soil	8/2/2011
AE77609	TB-301 2-4	Soil	8/2/2011
AE77618	TB-313 2-4	Soil	8/2/2011
AE77620	TB-314 2-4	Soil	8/2/2011
AE77622	TB-315 2-4	Soil	8/2/2011
AE77626	TB-318 2-4	Soil	8/2/2011

Conn. Extractable TPH Batch 74586

CET ID	Client Sample ID	Matrix	Collection Date
AE77607	TB-300 2-4	Soil	8/2/2011
AE77608	TB-301 0-1.5	Soil	8/2/2011
AE77609	TB-301 2-4	Soil	8/2/2011
AE77610	TB-302 0-1.5	Soil	8/2/2011
AE77611	TB-306 0-1.5	Soil	8/2/2011
AE77606	TB-300 0-1.5	Soil	8/2/2011

EPA 8082 PCBs Batch 74596

CET ID	Client Sample ID	Matrix	Collection Date
AE77607	TB-300 2-4	Soil	8/2/2011
AE77608	TB-301 0-1.5	Soil	8/2/2011
AE77609	TB-301 2-4	Soil	8/2/2011
AE77610	TB-302 0-1.5	Soil	8/2/2011
AE77611	TB-306 0-1.5	Soil	8/2/2011
AE77612	TB-307 0-1.5	Soil	8/2/2011
AE77613	TB-308 0-1.5	Soil	8/2/2011
AE77614	TB-309 0-1.5	Soil	8/2/2011
AE77617	TB-313 0-1.5	Soil	8/2/2011
AE77618	TB-313 2-4	Soil	8/2/2011
AE77619	TB-314 0-1.5	Soil	8/2/2011
AE77620	TB-314 2-4	Soil	8/2/2011
AE77621	TB-315 0-1.5	Soil	8/2/2011
AE77622	TB-315 2-4	Soil	8/2/2011
AE77623	TB-316 0-1.5	Soil	8/2/2011
AE77606	TB-300 0-1.5	Soil	8/2/2011
AE77615	TB-311 0-1.5	Soil	8/2/2011
AE77616	TB-312 0-1.5	Soil	8/2/2011
AE77624	TB-317 0-1.5	Soil	8/2/2011

Semi-Volatile Organics Batch 74603

CET ID	Client Sample ID	Matrix	Collection Date
AE77607	TB-300 2-4	Soil	8/2/2011
AE77608	TB-301 0-1.5	Soil	8/2/2011
AE77609	TB-301 2-4	Soil	8/2/2011
AE77610	TB-302 0-1.5	Soil	8/2/2011
AE77611	TB-306 0-1.5	Soil	8/2/2011
AE77612	TB-307 0-1.5	Soil	8/2/2011
AE77613	TB-308 0-1.5	Soil	8/2/2011
AE77614	TB-309 0-1.5	Soil	8/2/2011
AE77606	TB-300 0-1.5	Soil	8/2/2011
AE77615	TB-311 0-1.5	Soil	8/2/2011
AE77616	TB-312 0-1.5	Soil	8/2/2011

EPA 8082 PCBs Batch 74604

CET ID	Client Sample ID	Matrix	Collection Date
AE77625	TB-318 0-1.5	Soil	8/2/2011
AE77626	TB-318 2-4	Soil	8/2/2011
AE77627	TB-319 0-1.5	Soil	8/2/2011
AE77628	TB-320 0-1.5	Soil	8/2/2011
AE77629	TB-321 0-1.5	Soil	8/2/2011
AE77633	TB-325 0-1.5	Soil	8/2/2011
AE77636	TB-328 0-1.5	Soil	8/2/2011
AE77639	TB-329 2-4	Soil	8/2/2011
AE77630	TB-322 0-1.5	Soil	8/2/2011
AE77631	TB-323 0-1.5	Soil	8/2/2011
AE77632	TB-324 0-1.5	Soil	8/2/2011
AE77634	TB-326 0-1.5	Soil	8/2/2011
AE77635	TB-327 0-1.5	Soil	8/2/2011
AE77637	TB-328 2-4	Soil	8/2/2011
AE77638	TB-329 0-1.5	Soil	8/2/2011

EPA 8082 PCBs Batch 74605

CET ID	Client Sample ID	Matrix	Collection Date
AE77640	TB-304 0-1.5	Soil	8/2/2011
AE77641	TB-304 2-4	Soil	8/2/2011
AE77642	TB-330 0-1.5	Soil	8/2/2011
AE77643	TB-330 2-4	Soil	8/2/2011
AE77644	TB-333 0-1.5	Soil	8/2/2011
AE77645	TB-333 2-4	Soil	8/2/2011
AE77646	TB-342 0-1.5	Soil	8/2/2011
AE77647	TB-342 2-4	Soil	8/2/2011

Semi-Volatile Organics Batch 74627

CET ID	Client Sample ID	Matrix	Collection Date
AE77617	TB-313 0-1.5	Soil	8/2/2011
AE77618	TB-313 2-4	Soil	8/2/2011
AE77619	TB-314 0-1.5	Soil	8/2/2011
AE77620	TB-314 2-4	Soil	8/2/2011
AE77621	TB-315 0-1.5	Soil	8/2/2011
AE77622	TB-315 2-4	Soil	8/2/2011
AE77623	TB-316 0-1.5	Soil	8/2/2011
AE77625	TB-318 0-1.5	Soil	8/2/2011
AE77626	TB-318 2-4	Soil	8/2/2011
AE77627	TB-319 0-1.5	Soil	8/2/2011
AE77628	TB-320 0-1.5	Soil	8/2/2011
AE77629	TB-321 0-1.5	Soil	8/2/2011
AE77624	TB-317 0-1.5	Soil	8/2/2011
AE77630	TB-322 0-1.5	Soil	8/2/2011
AE77631	TB-323 0-1.5	Soil	8/2/2011

Semi-Volatile Organics Batch 74628

CET ID	Client Sample ID	Matrix	Collection Date
AE77633	TB-325 0-1.5	Soil	8/2/2011
AE77636	TB-328 0-1.5	Soil	8/2/2011
AE77639	TB-329 2-4	Soil	8/2/2011
AE77632	TB-324 0-1.5	Soil	8/2/2011
AE77634	TB-326 0-1.5	Soil	8/2/2011
AE77635	TB-327 0-1.5	Soil	8/2/2011
AE77637	TB-328 2-4	Soil	8/2/2011
AE77638	TB-329 0-1.5	Soil	8/2/2011
AE77640	TB-304 0-1.5	Soil	8/2/2011
AE77641	TB-304 2-4	Soil	8/2/2011
AE77642	TB-330 0-1.5	Soil	8/2/2011

Conn. Extractable TPH Batch 74634

CET ID	Client Sample ID	Matrix	Collection Date
AE77612	TB-307 0-1.5	Soil	8/2/2011
AE77613	TB-308 0-1.5	Soil	8/2/2011
AE77614	TB-309 0-1.5	Soil	8/2/2011
AE77617	TB-313 0-1.5	Soil	8/2/2011
AE77618	TB-313 2-4	Soil	8/2/2011
AE77619	TB-314 0-1.5	Soil	8/2/2011
AE77620	TB-314 2-4	Soil	8/2/2011
AE77621	TB-315 0-1.5	Soil	8/2/2011
AE77622	TB-315 2-4	Soil	8/2/2011
AE77623	TB-316 0-1.5	Soil	8/2/2011
AE77625	TB-318 0-1.5	Soil	8/2/2011
AE77626	TB-318 2-4	Soil	8/2/2011
AE77627	TB-319 0-1.5	Soil	8/2/2011
AE77628	TB-320 0-1.5	Soil	8/2/2011
AE77629	TB-321 0-1.5	Soil	8/2/2011
AE77615	TB-311 0-1.5	Soil	8/2/2011
AE77616	TB-312 0-1.5	Soil	8/2/2011
AE77624	TB-317 0-1.5	Soil	8/2/2011
AE77630	TB-322 0-1.5	Soil	8/2/2011
AE77631	TB-323 0-1.5	Soil	8/2/2011

Conn. Extractable TPH Batch 74637

CET ID	Client Sample ID	Matrix	Collection Date
AE77633	TB-325 0-1.5	Soil	8/2/2011
AE77636	TB-328 0-1.5	Soil	8/2/2011
AE77639	TB-329 2-4	Soil	8/2/2011
AE77632	TB-324 0-1.5	Soil	8/2/2011
AE77634	TB-326 0-1.5	Soil	8/2/2011
AE77635	TB-327 0-1.5	Soil	8/2/2011
AE77637	TB-328 2-4	Soil	8/2/2011
AE77638	TB-329 0-1.5	Soil	8/2/2011
AE77640	TB-304 0-1.5	Soil	8/2/2011
AE77641	TB-304 2-4	Soil	8/2/2011
AE77642	TB-330 0-1.5	Soil	8/2/2011
AE77643	TB-330 2-4	Soil	8/2/2011
AE77644	TB-333 0-1.5	Soil	8/2/2011
AE77645	TB-333 2-4	Soil	8/2/2011
AE77646	TB-342 0-1.5	Soil	8/2/2011
AE77647	TB-342 2-4	Soil	8/2/2011

Semi-Volatile Organics Batch 74664

CET ID	Client Sample ID	Matrix	Collection Date
AE77643	TB-330 2-4	Soil	8/2/2011
AE77644	TB-333 0-1.5	Soil	8/2/2011
AE77645	TB-333 2-4	Soil	8/2/2011
AE77646	TB-342 0-1.5	Soil	8/2/2011
AE77647	TB-342 2-4	Soil	8/2/2011

TCLP Metals Batch 74679

CET ID	Client Sample ID	Matrix	Collection Date
AE77639	TB-329 2-4	Soil	8/2/2011
AE77637	TB-328 2-4	Soil	8/2/2011
AE77641	TB-304 2-4	Soil	8/2/2011
AE77643	TB-330 2-4	Soil	8/2/2011
AE77645	TB-333 2-4	Soil	8/2/2011
AE77647	TB-342 2-4	Soil	8/2/2011

Narrative

4. Benzo[b]fluoranthene Initial Cal % RSD high(23%) for batch 74603.
Benzo[b]fluoranthene Initial Cal % RSD high(23%) for batch 74627.
Dibenz[a,h]anthracene Initial Cal % RSD high(21%) for batch 74664.
6. The client has requested a subset of the RCP Metals and CT 8270 lists.



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Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration
Flags:	
H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199



New York Certification 11982
Florida Laboratory Certification E871064



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Analytical Report

CET # 11080074

Report Date: August 12, 2011
Client Project: Longfellow, BPT
Client Project #: 103734



Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE77648	TB-303	Soil	8/3/2011	11:00	08/03/2011
AE77649	TB-305	Soil	8/3/2011	11:15	08/03/2011
AE77650	TB-310	Soil	8/3/2011	10:25	08/03/2011
AE77651	TB-331	Soil	8/3/2011	11:50	08/03/2011
AE77652	TB-332	Soil	8/3/2011	11:40	08/03/2011
AE77653	TB-334	Soil	8/3/2011	14:00	08/03/2011
AE77654	TB-335	Soil	8/3/2011	13:41	08/03/2011
AE77655	TB-336	Soil	8/3/2011	13:30	08/03/2011
AE77656	TB-337	Soil	8/3/2011	12:55	08/03/2011
AE77657	TB-338	Soil	8/3/2011	13:15	08/03/2011
AE77658	TB-339	Soil	8/3/2011		08/03/2011
AE77659	TB-340	Soil	8/3/2011		08/03/2011
AE77660	TB-341	Soil	8/3/2011		08/03/2011

Sample temperature upon receipt was 16.1 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Acid Digestion [EPA 3050B]

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Acid Digestion [EPA 3050B]

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/8/2011	8/8/2011	8/8/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/5/2011	8/5/2011	8/5/2011	8/5/2011	8/5/2011

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/5/2011	8/6/2011	8/6/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/8/2011	8/8/2011	8/8/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/10/2011

Accelerated Solvent Extraction [EPA 3545]

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/10/2011	8/10/2011	8/10/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/8/2011
Total Solids	96	94	93	91	94

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/8/2011	8/8/2011	8/8/2011	8/8/2011	8/8/2011
Total Solids	97	93	97	90	98

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/8/2011	8/8/2011	8/8/2011
Total Solids	97	95	96

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	2300	700	500	38	55
Arsenic	15	11	7.7	5.5	8.6

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	14	59	42	33	49
Arsenic	2.4	5.6	4.3	3.9	4.7

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0
Lead	17	60	34
Arsenic	2.8	5.0	19

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
PCB-1221	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
PCB-1232	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
PCB-1242	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
PCB-1248	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
PCB-1254	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
PCB-1260	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
PCB-1268	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
TCMX (Surr 1) 50-150	107	97	94	105	101
DCB (Surr 2) 50-150	121	123	78	72	80

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
PCB-1221	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
PCB-1232	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
PCB-1242	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
PCB-1248	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
PCB-1254	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
PCB-1260	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
PCB-1268	ND < 0.30	ND < 0.22	ND < 0.21	ND < 0.23	ND < 0.21
TCMX (Surr 1) 50-150	121	103	102	97	102
DCB (Surr 2) 50-150	87	83	83	72	64

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/9/2011	8/8/2011	8/8/2011
Dilution	1.0	1.0	1.0
PCB-1016	ND < 0.21	ND < 0.22	ND < 0.21
PCB-1221	ND < 0.21	ND < 0.22	ND < 0.21
PCB-1232	ND < 0.21	ND < 0.22	ND < 0.21
PCB-1242	ND < 0.21	ND < 0.22	ND < 0.21
PCB-1248	ND < 0.21	ND < 0.22	ND < 0.21
PCB-1254	ND < 0.21	ND < 0.22	ND < 0.21
PCB-1260	ND < 0.21	ND < 0.22	ND < 0.21
PCB-1268	ND < 0.21	ND < 0.22	ND < 0.21
TCMX (Surr 1) 50-150	110	97	77
DCB (Surr 2) 50-150	84	103	97

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/11/2011	8/11/2011	8/11/2011	8/11/2011	8/11/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	ND < 313	ND < 320	ND < 323	ND < 330	ND < 320
2-Methyl Naphthalene	ND < 313	340	ND < 323	ND < 330	ND < 320
Acenaphthylene	ND < 313	ND < 320	ND < 323	ND < 330	ND < 320
Acenaphthene	ND < 313	ND < 320	ND < 323	ND < 330	ND < 320
Fluorene	ND < 313	ND < 320	ND < 323	ND < 330	ND < 320
Phenanthrene	870	1200	520	ND < 330	ND < 320
Anthracene	ND < 313	ND < 320	ND < 323	ND < 330	ND < 320
Fluoranthene	2200	2100	1300	ND < 330	ND < 320
Pyrene	1800	1900	1200	ND < 330	ND < 320
Benzo[a]anthracene	1200	1000	670	ND < 330	ND < 320
Chrysene	1100	1200	820	ND < 330	ND < 320
Benzo[b]fluoranthene	1200	1300	980	ND < 330	ND < 320
Benzo[k]fluoranthene	550	570	400	ND < 330	ND < 320
Benzo[a]pyrene	1100	1100	790	ND < 330	ND < 320
Indeno[1,2,3-cd]pyrene	680	640	420	ND < 330	ND < 320
Dibenz[a,h]anthracene	ND < 313	ND < 320	ND < 323	ND < 330	ND < 320
Benzo[g,h,i]perylene	690	650	420	ND < 330	ND < 320
Nitrobenzene-d5(Surr) 30-130	64	64.4	70.1	68.6	72.5
2-Fluorobiphenyl (Surr) 30-130	79.3	76.8	81.6	80.1	84.5
Terphenyl-d14 (Surr) 30-130	87.4	80.8	81	83.9	87

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/11/2011	8/12/2011	8/12/2011	8/12/2011	8/11/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Naphthalene	ND < 310	ND < 323	ND < 310	ND < 334	ND < 307
2-Methyl Naphthalene	ND < 310	ND < 323	ND < 310	ND < 334	ND < 307
Acenaphthylene	ND < 310	ND < 323	ND < 310	ND < 334	ND < 307
Acenaphthene	ND < 310	ND < 323	ND < 310	ND < 334	ND < 307
Fluorene	ND < 310	ND < 323	ND < 310	ND < 334	ND < 307
Phenanthrene	ND < 310	470	500	ND < 334	560
Anthracene	ND < 310	ND < 323	ND < 310	ND < 334	ND < 307
Fluoranthene	ND < 310	1500	1200	750	1500
Pyrene	ND < 310	1200	1100	690	1300
Benzo[a]anthracene	ND < 310	680	740	470	860
Chrysene	ND < 310	810	770	520	890
Benzo[b]fluoranthene	ND < 310	860	1100	760	1100
Benzo[k]fluoranthene	ND < 310	380	480	ND < 334	450
Benzo[a]pyrene	ND < 310	690	880	570	800
Indeno[1,2,3-cd]pyrene	ND < 310	330	440	ND < 334	ND < 307
Dibenz[a,h]anthracene	ND < 310	ND < 323	ND < 310	ND < 334	ND < 307
Benzo[g,h,i]perylene	ND < 310	350	410	ND < 334	360
Nitrobenzene-d5(Surr) 30-130	66.9	72	70.2	71.5	72.1
2-Fluorobiphenyl (Surr) 30-130	82.1	86.6	81.7	82.5	69.2
Terphenyl-d14 (Surr) 30-130	89.4	87.2	85.2	85.6	52

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/11/2011	8/11/2011	8/11/2011
Dilution	1.0	1.0	1.0
Naphthalene	ND < 310	ND < 316	ND < 313
2-Methyl Naphthalene	ND < 310	ND < 316	ND < 313
Acenaphthylene	ND < 310	ND < 316	ND < 313
Acenaphthene	ND < 310	ND < 316	ND < 313
Fluorene	ND < 310	ND < 316	ND < 313
Phenanthrene	ND < 310	ND < 316	ND < 313
Anthracene	ND < 310	ND < 316	ND < 313
Fluoranthene	390	320	490
Pyrene	330	ND < 316	470
Benzo[a]anthracene	ND < 310	ND < 316	ND < 313
Chrysene	ND < 310	ND < 316	ND < 313
Benzo[b]fluoranthene	ND < 310	ND < 316	ND < 313
Benzo[k]fluoranthene	ND < 310	ND < 316	ND < 313
Benzo[a]pyrene	ND < 310	ND < 316	ND < 313
Indeno[1,2,3-cd]pyrene	ND < 310	ND < 316	ND < 313
Dibenz[a,h]anthracene	ND < 310	ND < 316	ND < 313
Benzo[g,h,i]perylene	ND < 310	ND < 316	ND < 313
Nitrobenzene-d5(Surr) 30-130	80.5	73.7	78.7
2-Fluorobiphenyl (Surr) 30-130	75.9	69.2	72.7
Terphenyl-d14 (Surr) 30-130	56.8	49.7	52

Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	TB-337
CET ID	AE77656
Date Analyzed	8/12/2011
Dilution	1.0
Naphthalene	ND < 334
2-Methyl Naphthalene	ND < 334
Acenaphthylene	ND < 334
Acenaphthene	ND < 334
Fluorene	ND < 334
Phenanthrene	370
Anthracene	ND < 334
Fluoranthene	980
Pyrene	890
Benzo[a]anthracene	570
Chrysene	630
Benzo[b]fluoranthene	920
Benzo[k]fluoranthene	370
Benzo[a]pyrene	680
Indeno[1,2,3-cd]pyrene	ND < 334
Dibenz[a,h]anthracene	ND < 334
Benzo[g,h,i]perylene	ND < 334
Nitrobenzene-d5(Surr) 30-130	65.9
2-Fluorobiphenyl (Surr) 30-130	78.4
Terphenyl-d14 (Surr) 30-130	84.2

EPA 8082 PCB Dup Result [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	TB-339	TB-340
CET ID	AE77658	AE77659
Date Analyzed	8/9/2011	8/8/2011
DCB (Surr 2)	82	99
Dilution	1.0	1.0
PCB-1016	ND < 0.21	ND < 0.22
PCB-1221	ND < 0.21	ND < 0.22
PCB-1232	ND < 0.21	ND < 0.22
PCB-1242	ND < 0.21	ND < 0.22
PCB-1248	ND < 0.21	ND < 0.22
PCB-1254	ND < 0.21	ND < 0.22
PCB-1260	ND < 0.21	ND < 0.22
PCB-1268	ND < 0.21	ND < 0.22
TCMX (Surr 1)	105	97

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-303	TB-305	TB-310	TB-331	TB-332
CET ID	AE77648	AE77649	AE77650	AE77651	AE77652
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	80*	210*	130*	ND < 55	ND < 54
Octacosane (surr) 50-150	120	128	111	123	134

*C₁₈ – C₃₆ May be PNA related

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-334	TB-335	TB-336	TB-337	TB-338
CET ID	AE77653	AE77654	AE77655	AE77656	AE77657
Date Analyzed	8/9/2011	8/9/2011	8/9/2011	8/9/2011	8/11/2011
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	ND < 52	86*	150*	200*	320*
Octacosane (surr) 50-150	124	120	117	117	92.5

*C₁₈ – C₃₆ May be PNA related

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TB-339	TB-340	TB-341
CET ID	AE77658	AE77659	AE77660
Date Analyzed	8/9/2011	8/9/2011	8/9/2011
Dilution	1.0	1.0	1.0
ETPH	ND < 52	110*	100*
Octacosane (surr) 50-150	85.4	60.1	123

*C₁₈ – C₃₆ May be PNA related

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
 - E - The result is estimated, above the calibration range.
 - H - The surrogate recovery is above the control limits.
 - L - The surrogate recovery is below the control limits.
 - B - The compound was detected in the laboratory blank.
 - P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
 - D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # 11080074

Volatile Solids Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@celtllabs.com

Sample ID	Date/Time	Matrix Aque- S-Sol W-Water DM-Drinking W. C-Casette Solid Other (Specify)	Turnaround Time ** (check one)				Organics										Metals (check all that apply)				Additional Analysis				TOTAL # OF CONT. NOTE #
			Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL Pb+As	TCLP	SPLP	Field Filtered	Lab To Filter	

TS-303	8-3-11 11:00	S																								
TS-305	8-3-11 11:15	S																								
TS-310	8-3-11 10:25	S																								
TS-331	8-3-11 11:50	S																								
TS-332	8-3-11 11:40	S																								
TS-332	8-3-11 2:00	S																								
TS-335	8-3-11 1:41	S																								
TS-335	8-3-11 1:30	S																								
TS-337	8-3-11 12:55	S																								
TS-338	8-3-11 1:15	S																								

PRESERVATIVE (CH ₃ CO, N-HNO ₃ , S-H ₂ SO ₄ , Na-NaOH, G-Cool, O-Other)																									
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)																									
Soil VOCs Only (M-MeOH, B-Biohazard, W-Water, F-Fuel, E-Ethanol, S-Solvent)																									

RELINQUISHED BY: <u>MLR</u>	DATE/TIME: <u>8/3/11 14:40</u>	RECEIVED BY: <u>[Signature]</u>
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
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Client / Reporting Information																									
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Company Name: <u>Testor Environmental</u>	Project Contact: <u>Dave Vasilion</u>	PO #: <u>103734</u>
Address: <u>385 Church Street</u>	Project #: <u>103734</u>	
City: <u>Stratford</u>	Location: <u>Bridgeport, CT</u>	Collector(s): <u>MLR</u>
State: <u>CT</u>	State Specific (MS/MSD): <input type="checkbox"/> <u>PA</u>	PA/MSD Pkg: <input type="checkbox"/> <u>PA</u>
Zip: <u>06457</u>	Other (Specify): <input type="checkbox"/> <u>PA</u>	DOAW: <input type="checkbox"/> <u>PA</u>
Report to: <u>Dave Vasilion</u>	Lab Use: <input checked="" type="checkbox"/> <u>PA</u>	Other (Specify): <input type="checkbox"/> <u>PA</u>
Phone #: <u>203-458-7200</u>	Evidence of Cooling: <u>16.1</u>	Temp Upon Receipt: <u>16.1</u>
Fax #: <u>203-458-7201</u>	Temp Upon Receipt: <u>16.1</u>	

Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV 7/7/10



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # 11080074

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
 Stratford, CT 06615
 Tel: (203) 377-9984
 Fax: (203) 377-9952
 e-mail: cet@celabs.com

Sample ID	Date/Time	Matrix A-Air S-Soil W-Water D-M-Drying W. C-C-Case Other (Specify)	Turnaround Time ** (check one)				Organics														Metals (check all that apply)						Additional Analysis	
			Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL Pb+As	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #		
78-339	8-3-11	S				<input checked="" type="checkbox"/>																						
78-340	8-3-11	S				<input checked="" type="checkbox"/>																						
78-341	8-3-11	S				<input checked="" type="checkbox"/>																						

PRESENATIVE (CH-Cl, N-HNO ₃ , S-H ₂ SO ₄ , Na-NaOH, Ca-CO ₂ , O-Other)	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)	
Soil VOCs Only (M-MeOH, B-Benzene, W-Water, F-Fuel, E-Engine)	
RELINQUISHED BY: MLR	DATE/TIME: 8/3/11 14:40
RECEIVED BY:	
RELINQUISHED BY:	DATE/TIME:
RECEIVED BY:	
RELINQUISHED BY:	DATE/TIME:
RECEIVED BY:	

Client / Reporting Information	
Company Name	Zeiten Environmental Inc
Address	385 Church Street
City	Guilford CT
State	CT
Zip	06437
Report To:	Dave Vasilion
Phone #	203-458-7200
Fax #	203-458-7201
E-mail	Dvasilion@zeitenenvironmental.com

Project Information	
Project Contact	Dave Vasilion
Project #	103734
Location	Bridgeport, CT
Collector(s)	MLR
QA/QC	<input checked="" type="checkbox"/> PSD <input type="checkbox"/> Site Specific (MS/MSD) <input type="checkbox"/> PDF <input type="checkbox"/> Excel <input checked="" type="checkbox"/> Other Fax <input type="checkbox"/> DOAW
Data Report	<input type="checkbox"/> Email <input type="checkbox"/> GA <input checked="" type="checkbox"/> G8 <input type="checkbox"/> SWP <input type="checkbox"/> Other (Specify)
BSR Reporting Limits (check one)	<input type="checkbox"/> GA <input checked="" type="checkbox"/> G8 <input type="checkbox"/> SWP <input type="checkbox"/> Other (Specify)
Evidence of Cooling	16.1 °C or N
Temp Upon Receipt	16.1 °C or N

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV 7/7/0



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Triton Environmental

Project Location: Longfellow, BPT

Project Number: 103734

Laboratory Sample ID(s): AE77648-AE77660

Sampling Date(s): 8/3/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera):

CET#: 11080074

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	VPH and EPH Methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (<6°C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____

Position: Laboratory Director

Printed Name: David Ditta

Date: 8/16/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.



80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Longfellow, BPT
CET#: 11080074

Blank/LCS Report

QA Type: EPA 8082 PCBs Date Analyzed: 8/8/2011 Batch ID: 74605

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.30	100	40-140
PCB-1260	ND<0.30	90	40-140

All associated samples: AE77648 AE77649 AE77650 AE77651 AE77652 AE77653 AE77654 AE77655 AE77656 AE77657 AE77658

QA Type: EPA 8082 PCBs Date Analyzed: 8/8/2011 Batch ID: 74606

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.20	110	40-140
PCB-1260	ND<0.20	100	40-140

All associated samples: AE77659 AE77660

QA Type: Total Metals Date Analyzed: 8/9/2011 Batch ID: 74616

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	103	80-120
Arsenic	ND<1.0	107	80-120

All associated samples: AE77648 AE77649 AE77650 AE77651 AE77652 AE77653 AE77654 AE77655 AE77656 AE77657 AE77658
AE77659 AE77660

QA Type: Conn. Extractable TPH Date Analyzed: 8/9/2011 Batch ID: 74637

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	99	60-120

All associated samples: AE77648 AE77649 AE77650 AE77651

QA Type: Semi-Volatile Organics Date Analyzed: 8/11/2011 Batch ID: 74664

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	80	40-140
2-Methyl Naphthalene	ND<300	83	40-140
Acenaphthylene	ND<300	86	40-140
Acenaphthene	ND<300	86	40-140
Fluorene	ND<300	87	40-140
Phenanthrene	ND<300	86	40-140
Anthracene	ND<300	88	40-140
Fluoranthene	ND<300	89	40-140

Connecticut Laboratory Certification PH0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

Project: Longfellow, BPT
Cet#: 11080074

QA Type: Semi-Volatile Organics Date Analyzed: 8/11/2011 Batch ID: 74664

Analyte	Blank	LCS%Rec	LCS CL
Pyrene	ND<300	88	40-140
Benzo[a]anthracene	ND<300	86	40-140
Chrysene	ND<300	85	40-140
Benzo[b]fluoranthene	ND<300	78	40-140
Benzo[k]fluoranthene	ND<300	88	40-140
Benzo[a]pyrene	ND<300	91	40-140
Indeno[1,2,3-cd]pyrene	ND<300	98	40-140
Dibenz[a,h]anthracene	ND<300	96	40-140
Benzo[g,h,i]perylene	ND<300	96	40-140

All associated samples: AE77648 AE77649 AE77650 AE77651 AE77652 AE77653 AE77654 AE77655 AE77656

QA Type: Conn. Extractable TPH Date Analyzed: 8/9/2011 Batch ID: 74677

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	104	60-120

All associated samples: AE77652 AE77653 AE77654 AE77655 AE77656 AE77657 AE77658 AE77659 AE77660

Matrix Spike Report

QA Type: Semi-Volatile Organics Date Analyzed: 8/12/2011 Sample ID: AE77656 Client ID: TB-337

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Naphthalene	ND<334	4400	73	75	40-140	3.00	30
2-Methyl Naphthalene	ND<334	4400	77	77	40-140	0.00	30
Acenaphthylene	ND<334	4400	86	84	40-140	3.00	30
Acenaphthene	ND<334	4400	84	82	40-140	3.00	30
Fluorene	ND<334	4400	89	84	40-140	5.00	30
Phenanthrene	ND<334	4400	177 H	93	40-140	62.00 H	30
Anthracene	ND<334	4400	109	89	40-140	21.00	30
Fluoranthene	750	4400	233 H	97	40-140	83.00 H	30
Pyrene	690	4400	191 H	98	40-140	64.00 H	30
Benzo[a]anthracene	470	4400	142 H	89	40-140	46.00 H	30
Chrysene	520	4400	134	88	40-140	41.00 H	30
Benzo[b]fluoranthene	760	4400	153 H	103	40-140	39.00 H	30
Benzo[k]fluoranthene	ND<334	4400	132	114	40-140	15.00	30
Benzo[a]pyrene	570	4400	142 H	101	40-140	34.00 H	30
Indeno[1,2,3-cd]pyrene	ND<334	4400	70	59	40-140	18.00	30
Dibenz[a,h]anthracene	ND<334	4400	57	57	40-140	0.00	30
Benzo[g,h,i]perylene	ND<334	4400	59	52	40-140	12.00	30

QA Type: EPA 8082 PCBs Date Analyzed: 8/9/2011 Sample ID: AE77658 Client ID: TB-339

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
PCB-1016	ND<0.21	1.03	97	107	40-140	9.70	50
PCB-1260	ND<0.21	1.03	85	97	40-140	12.80	50

QA Type: EPA 8082 PCBs Date Analyzed: 8/8/2011 Sample ID: AE77659 Client ID: TB-340

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
PCB-1016	ND<0.22	1.05	95	95	40-140	0.00	50
PCB-1260	ND<0.22	1.05	105	105	40-140	0.00	50

ND is not detected

Initial Cal. Report

<u>Compound</u>	<u>Batch#</u>	<u>%RSD</u>	<u>Limits</u>
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Initial Calibration SVOC

Dibenz[a,h]anthracene

74664

21 H

20

All associated samples: AE77648 AE77649 AE77650 AE77651 AE77652 AE77653 AE77654 AE77655
AE77656

QC Batch Report

EPA 8082 PCBs Batch 74605

CET ID	Client Sample ID	Matrix	Collection Date
AE77648	TB-303	Soil	8/3/2011
AE77649	TB-305	Soil	8/3/2011
AE77650	TB-310	Soil	8/3/2011
AE77651	TB-331	Soil	8/3/2011
AE77652	TB-332	Soil	8/3/2011
AE77653	TB-334	Soil	8/3/2011
AE77654	TB-335	Soil	8/3/2011
AE77655	TB-336	Soil	8/3/2011
AE77656	TB-337	Soil	8/3/2011
AE77657	TB-338	Soil	8/3/2011
AE77658	TB-339	Soil	8/3/2011

EPA 8082 PCBs Batch 74606

CET ID	Client Sample ID	Matrix	Collection Date
AE77659	TB-340	Soil	8/3/2011
AE77660	TB-341	Soil	8/3/2011

Total Metals Batch 74616

CET ID	Client Sample ID	Matrix	Collection Date
AE77648	TB-303	Soil	8/3/2011
AE77649	TB-305	Soil	8/3/2011
AE77650	TB-310	Soil	8/3/2011
AE77651	TB-331	Soil	8/3/2011
AE77652	TB-332	Soil	8/3/2011
AE77653	TB-334	Soil	8/3/2011
AE77654	TB-335	Soil	8/3/2011
AE77655	TB-336	Soil	8/3/2011
AE77656	TB-337	Soil	8/3/2011
AE77657	TB-338	Soil	8/3/2011
AE77658	TB-339	Soil	8/3/2011
AE77659	TB-340	Soil	8/3/2011
AE77660	TB-341	Soil	8/3/2011

Conn. Extractable TPH Batch 74637

CET ID	Client Sample ID	Matrix	Collection Date
AE77648	TB-303	Soil	8/3/2011
AE77649	TB-305	Soil	8/3/2011
AE77650	TB-310	Soil	8/3/2011
AE77651	TB-331	Soil	8/3/2011

Semi-Volatile Organics Batch 74664

CET ID	Client Sample ID	Matrix	Collection Date
AE77648	TB-303	Soil	8/3/2011
AE77649	TB-305	Soil	8/3/2011
AE77650	TB-310	Soil	8/3/2011
AE77651	TB-331	Soil	8/3/2011
AE77652	TB-332	Soil	8/3/2011
AE77653	TB-334	Soil	8/3/2011
AE77654	TB-335	Soil	8/3/2011
AE77655	TB-336	Soil	8/3/2011
AE77656	TB-337	Soil	8/3/2011

Conn. Extractable TPH Batch 74677

CET ID	Client Sample ID	Matrix	Collection Date
AE77652	TB-332	Soil	8/3/2011
AE77653	TB-334	Soil	8/3/2011
AE77654	TB-335	Soil	8/3/2011
AE77655	TB-336	Soil	8/3/2011
AE77656	TB-337	Soil	8/3/2011
AE77657	TB-338	Soil	8/3/2011
AE77658	TB-339	Soil	8/3/2011
AE77659	TB-340	Soil	8/3/2011
AE77660	TB-341	Soil	8/3/2011

Narrative

3. The samples were not received at appropriate temperature the temperature was 16.1 degrees and there was evidence of cooling.
4. Phenanthrene matrix spike recovery high (177%) for sample AE77656.
Phenanthrene matrix spike RPD high (62.00%) for sample AE77656.
Fluoranthene matrix spike recovery high (233%) for sample AE77656.
Fluoranthene matrix spike RPD high (83.00%) for sample AE77656.
Pyrene matrix spike recovery high (191%) for sample AE77656.
Pyrene matrix spike RPD high (64.00%) for sample AE77656.
Benzo[a]anthracene matrix spike recovery high (142%) for sample AE77656.
Benzo[a]anthracene matrix spike RPD high (46.00%) for sample AE77656.
Chrysene matrix spike RPD high (41.00%) for sample AE77656.
Benzo[b]fluoranthene matrix spike recovery high (153%) for sample AE77656.
Benzo[b]fluoranthene matrix spike RPD high (39.00%) for sample AE77656.
Benzo[a]pyrene matrix spike recovery high (142%) for sample AE77656.
Benzo[a]pyrene matrix spike RPD high (34.00%) for sample AE77656.
Dibenz[a,h]anthracene Initial Cal % RSD high(21%) for batch 74664.
6. The client has requested a subset of the RCP Metals and the CT 8270 lists.



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Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration
Flags:	
H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199



New York Certification 11982
Florida Laboratory Certification E871064